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ABSTRACT

This document is the answer key for level 2 of the teacher-developed mathematics curriculum for New York City schools. Approximately 215 performance objectives are listed, with reference to the appropriate worksheet(s) for each. The answers are typed in the appropriate space on each sheet; when varied answers are possible, this is noted. (MNS)

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CIMS

COMPREHENSIVE INSTRUCTIONAL MANAGEMENT SYSTEM

A Cyclical Mathematics Curriculum

LEVEL 2

Answer Key

NEW YORK CITY BOARD OF EDUCATION
OFFICE OF CURRICULUM DEVELOPMENT AND SUPPORT
DIVISION OF CURRICULUM & INSTRUCTION

SE049 719

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A Cyclical Mathematics Curriculum

Answer Key

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It is the commitment of the Comprehensive Instructional Management System (CIMS) to develop a teacher-designed curriculum, a computer assisted assessment system and to provide ongoing staff development that is responsive to the needs of the teachers and supervisors who are using the program.

In response to the many requests from the teachers using the CIMS curriculum, we have produced an answer key document. It is our intention that the answers provided in this document will prove to be time efficient which would allow the teachers to add the time saved to planning and preparing for the delivery of mathematics instruction. We hope that you, the teachers and supervisors of the Comprehensive Instructional Management system, will find this answer key useful.

This answer key was developed as a project by the Comprehensive Instructional Management System (CIMS) of the Division of Curriculum and Instruction, Pearl Warner, Executive Director (Acting), Susan Zakaluk, Director of Mathematics, Arthur Flug and Doreen D. Genkin, Assistant Directors of CIMS.

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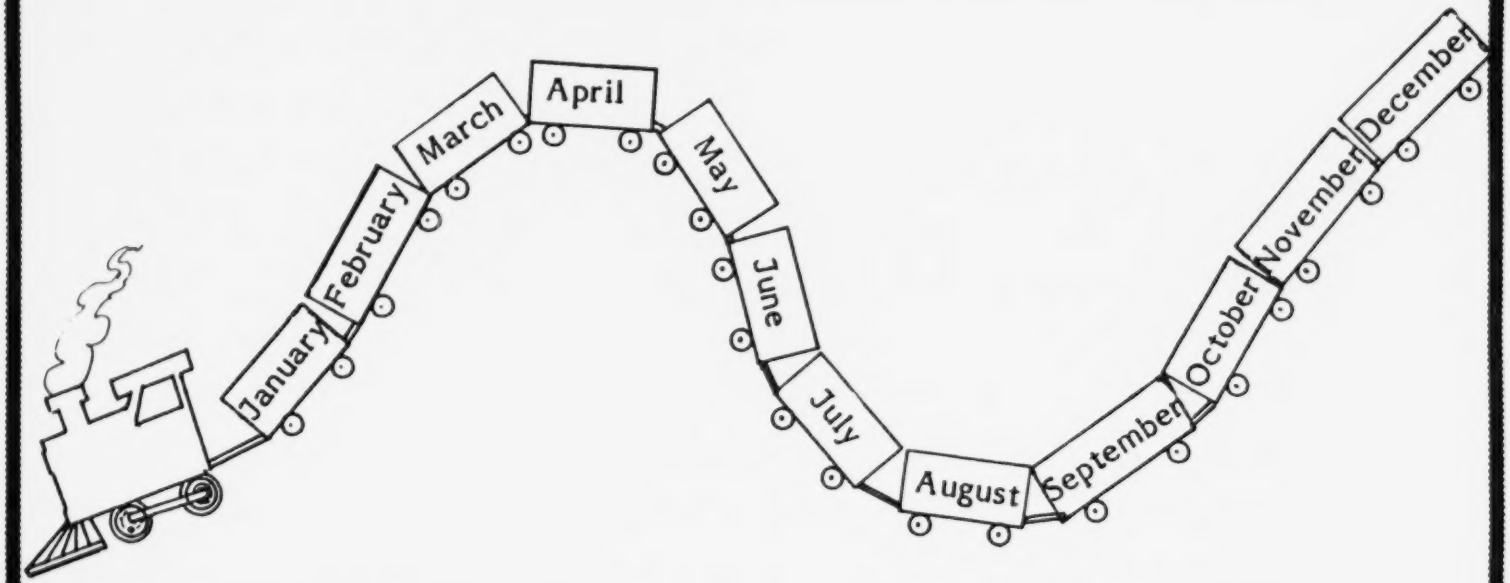
P.O. 2.10.01.02

NAME: _____ CLASS: _____ DATE: _____

Read the months on the train to complete each sentence.



1. If this month is September, next month will be October.
2. If last month was July, next month will be September.
3. If this month is May, next month will be June.
4. If this month is November, next month will be December.
5. If this month is August, last month was July.
6. If this month is July, last month was June.
7. If this month is April, last month was March.
8. If last month was January, next month will be March.

- 2a -

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P.O. 2.10.01.04

NAME: _____ CLASS: _____ DATE: _____

Read the calendar to complete the sentences below.

1985		SEPTEMBER				1985
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

1. The month on the calendar is September.
2. The year on the calendar is 1985.
3. This month has 30 days.
4. The first Sunday in the month is September 1.
5. The third Tuesday of the month is September 17.
6. The second Friday of the month is September 13.
7. The fourth Saturday of the month is September 28.
8. The last day of the month is Monday, September 30.

2a

P.O. 2.10.01.05

NAME: _____ CLASS: _____ DATE: _____

Read the calendar to answer the questions below.

1985		OCTOBER				1985
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

	What is the date a day before?	What is the date a day after?
October 23, 1985	October 22, 1985	October 24, 1985
October 11, 1985	October 10, 1985	October 12, 1985
October 2, 1985	October 1, 1985	October 3, 1985
October 30, 1985	October 29, 1985	October 31, 1985
October 19, 1985	October 18, 1985	October 20, 1985

- 2c -

3

P.O. 2.14.01.01

NAME: _____ CLASS; _____ DATE: _____

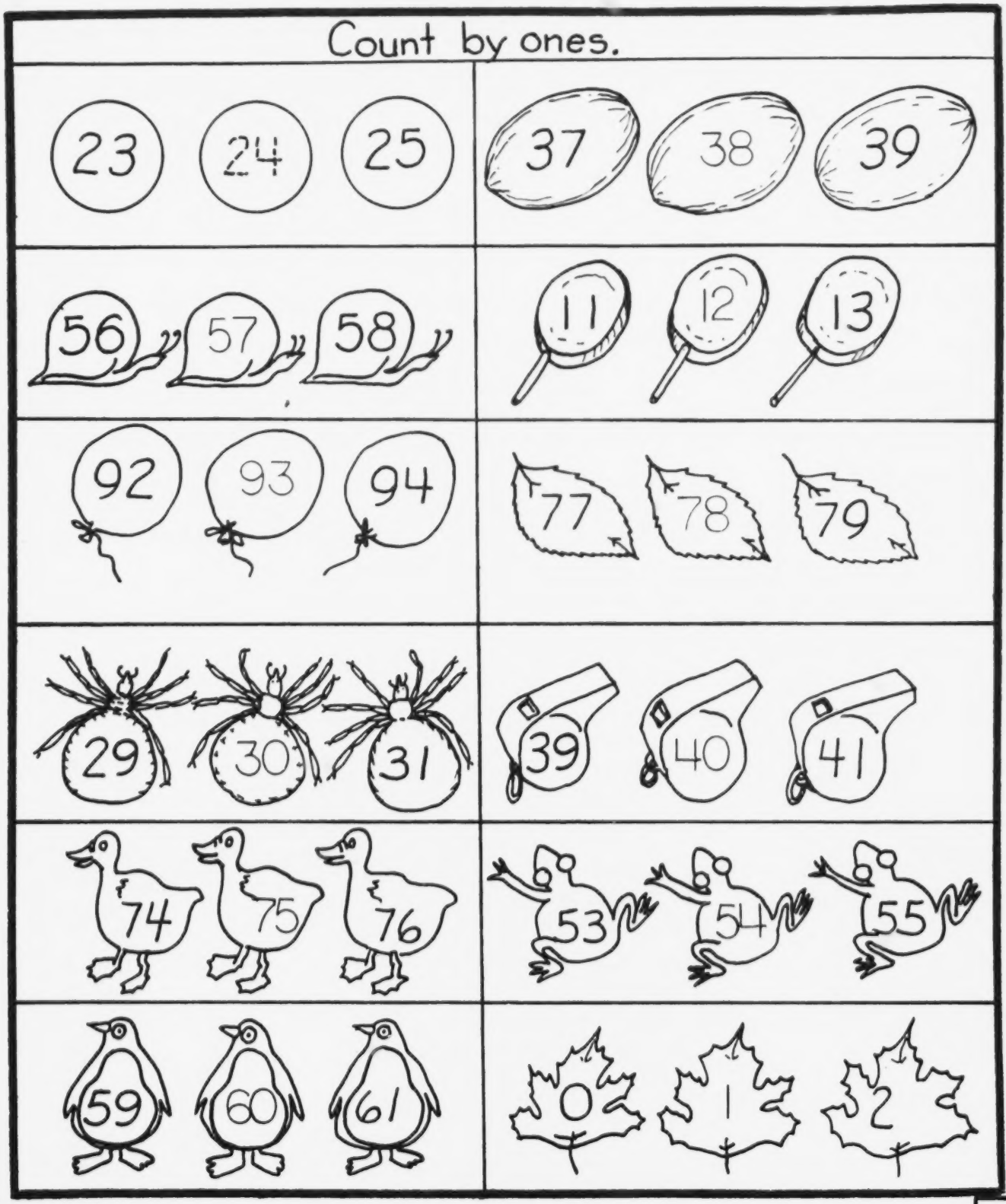
Count by ones to complete the number chart.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

P.O. 2.14.01.02

NAME: _____ CLASS: _____ DATE: _____

Fill in the missing number in each group of objects.

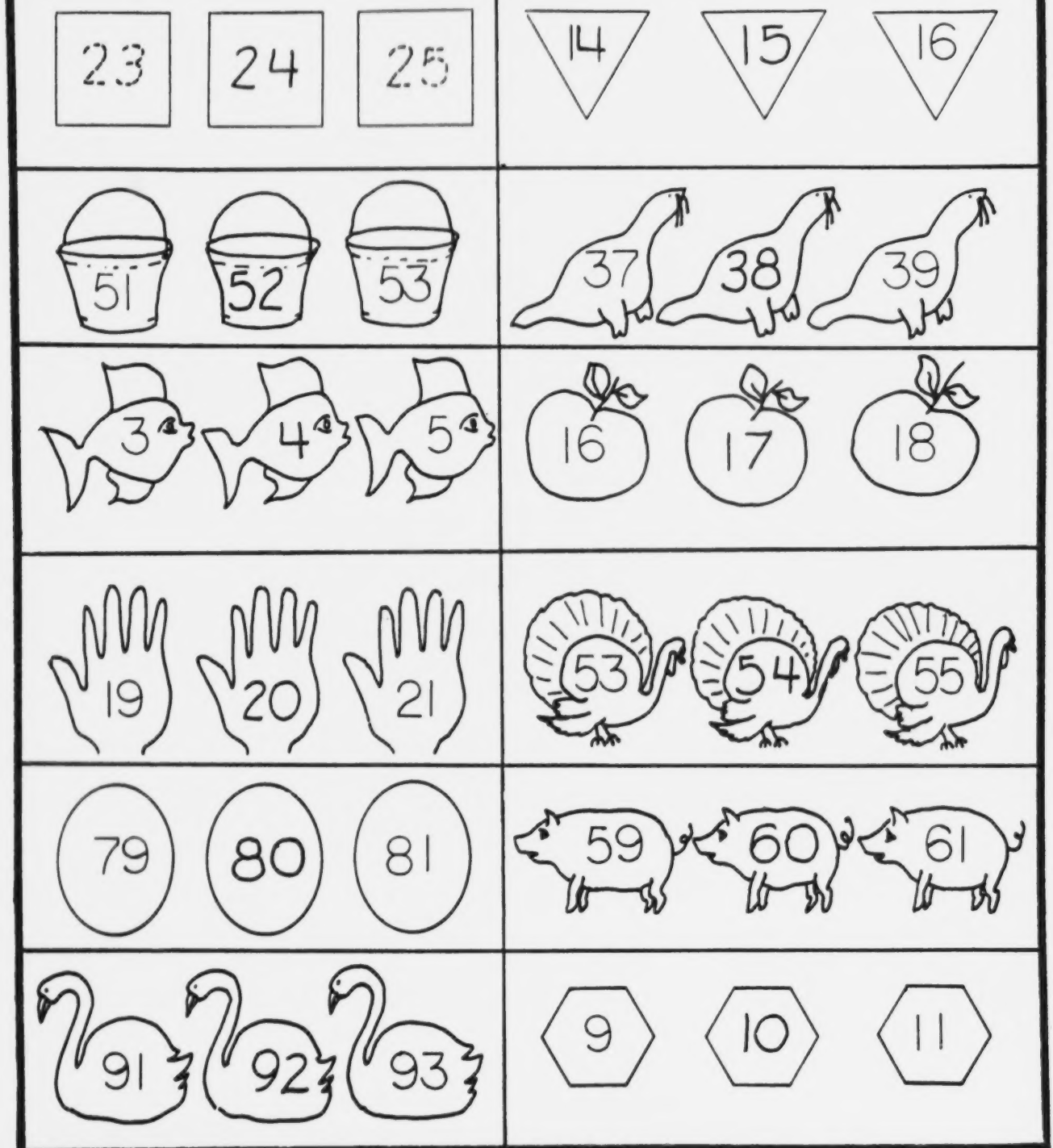


P.O. 2.14.01.03

NAME: _____ CLASS: _____ DATE: _____

Write the missing numbers in each group of objects.

Count by ones.



P.O. 2.14.02.01

NAME:_____ CLASS:_____ DATE:_____

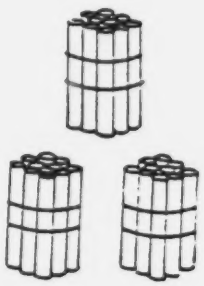
Write the number of tens on the line. Write the number showing how many in all in the box.

1 ten

10

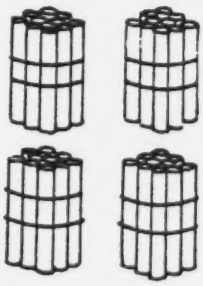
2 tens

20



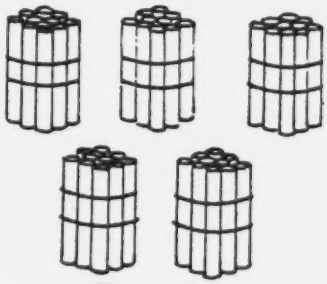
3 tens

30



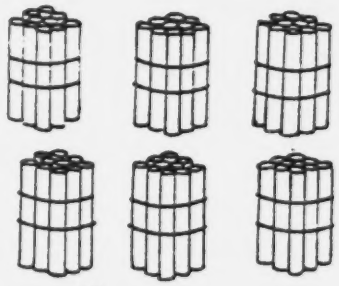
4 tens

40



5 tens

50



6 tens

60

Count forward by tens.

0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100

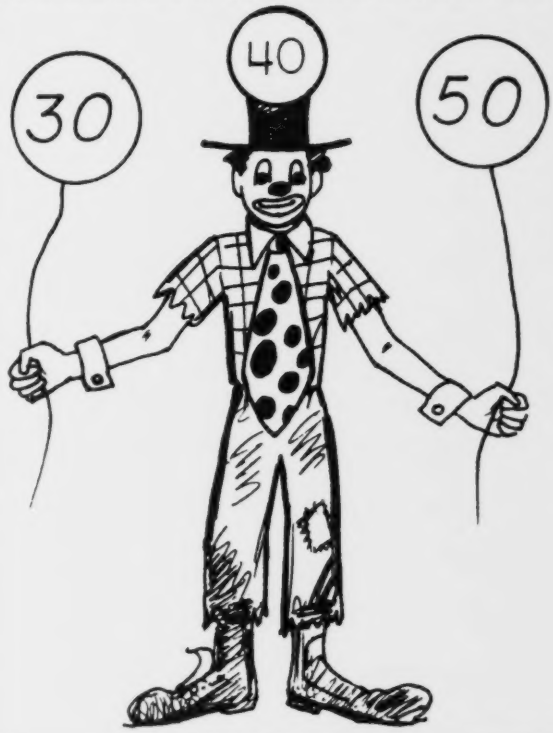
Count backward by tens.

100, 90, 80, 70, 60, 50, 40, 30, 20, 10, 0

P.O. 2.14.02.02

NAME: _____ CLASS: _____ DATE: _____

Count by tens. Fill in the missing number on each clown's hat.

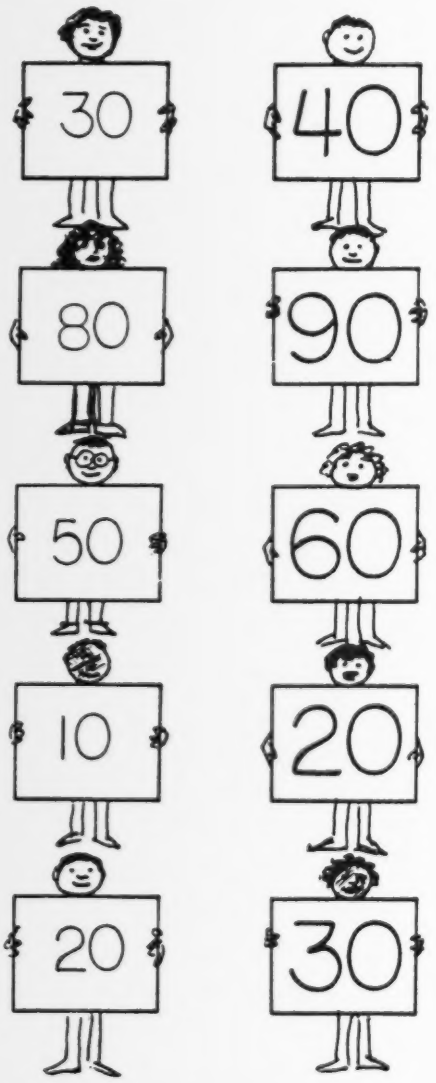


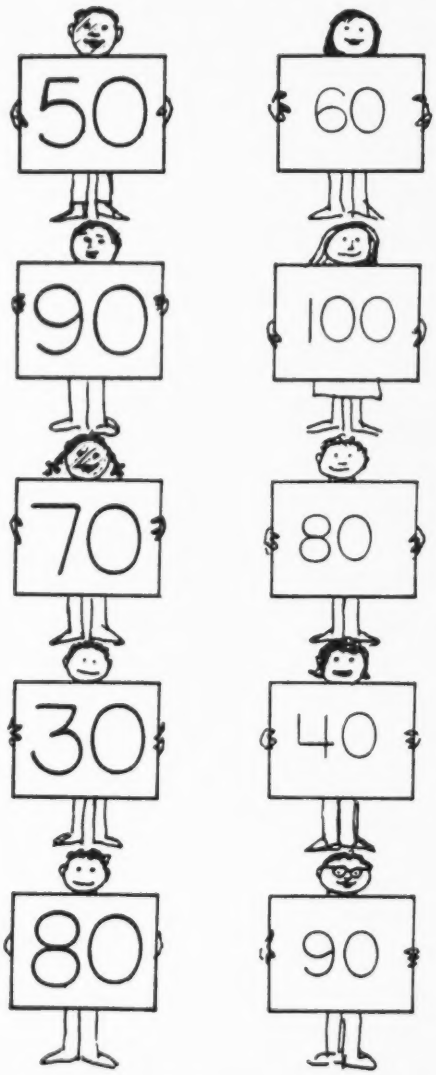
P.O. 2.14.02.03

NAME:_____ CLASS:_____ DATE:_____

Fill in the missing tens numeral.

What numeral comes ten before the numeral the student is holding?	What numeral comes ten after the numeral the student is holding?

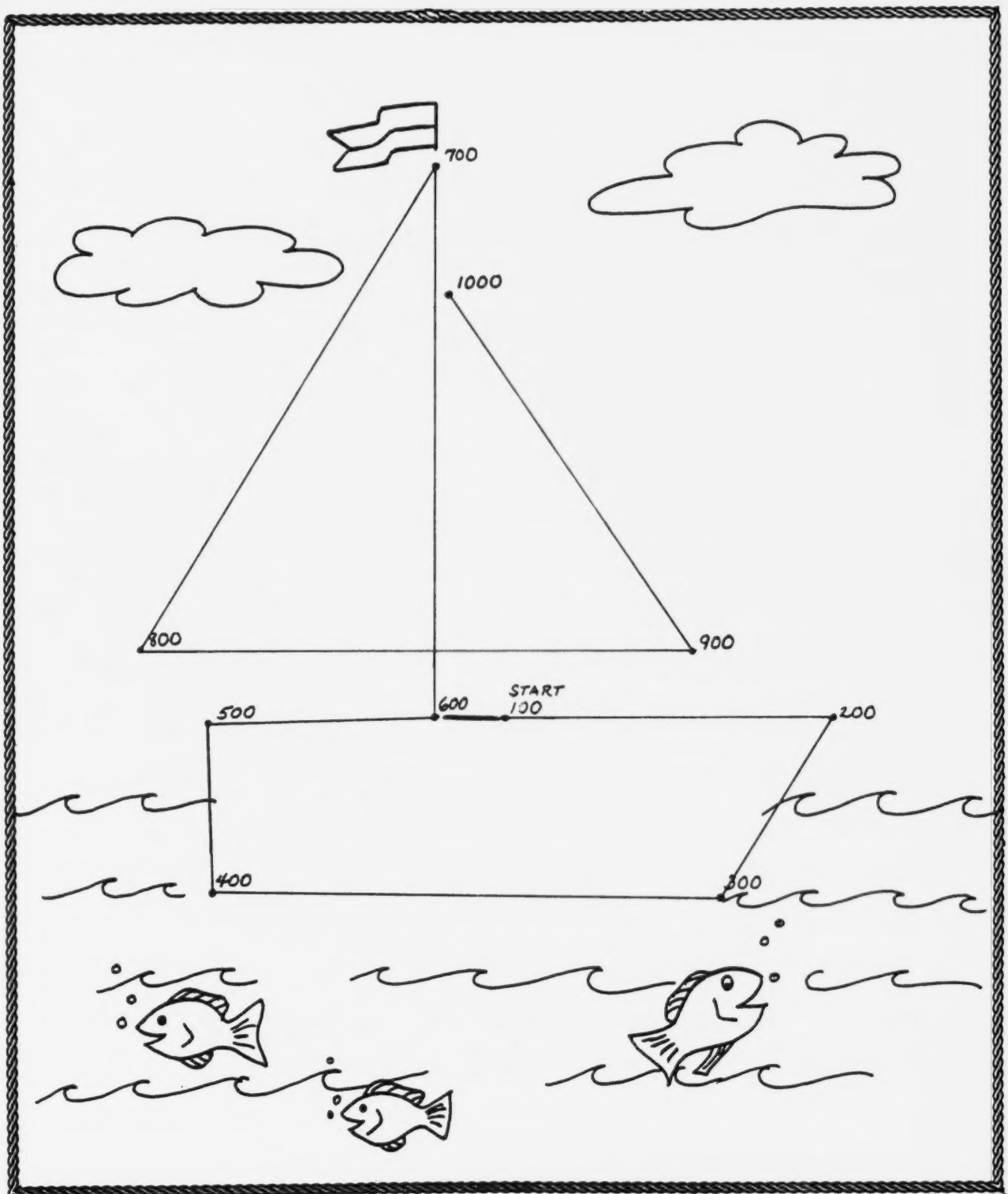




P.O. 2.01.01.01

NAME:_____ CLASS:_____ DATE:_____

Connect the dots in order. Start at 100. Count by hundreds.
End at 1000. What picture have you formed?



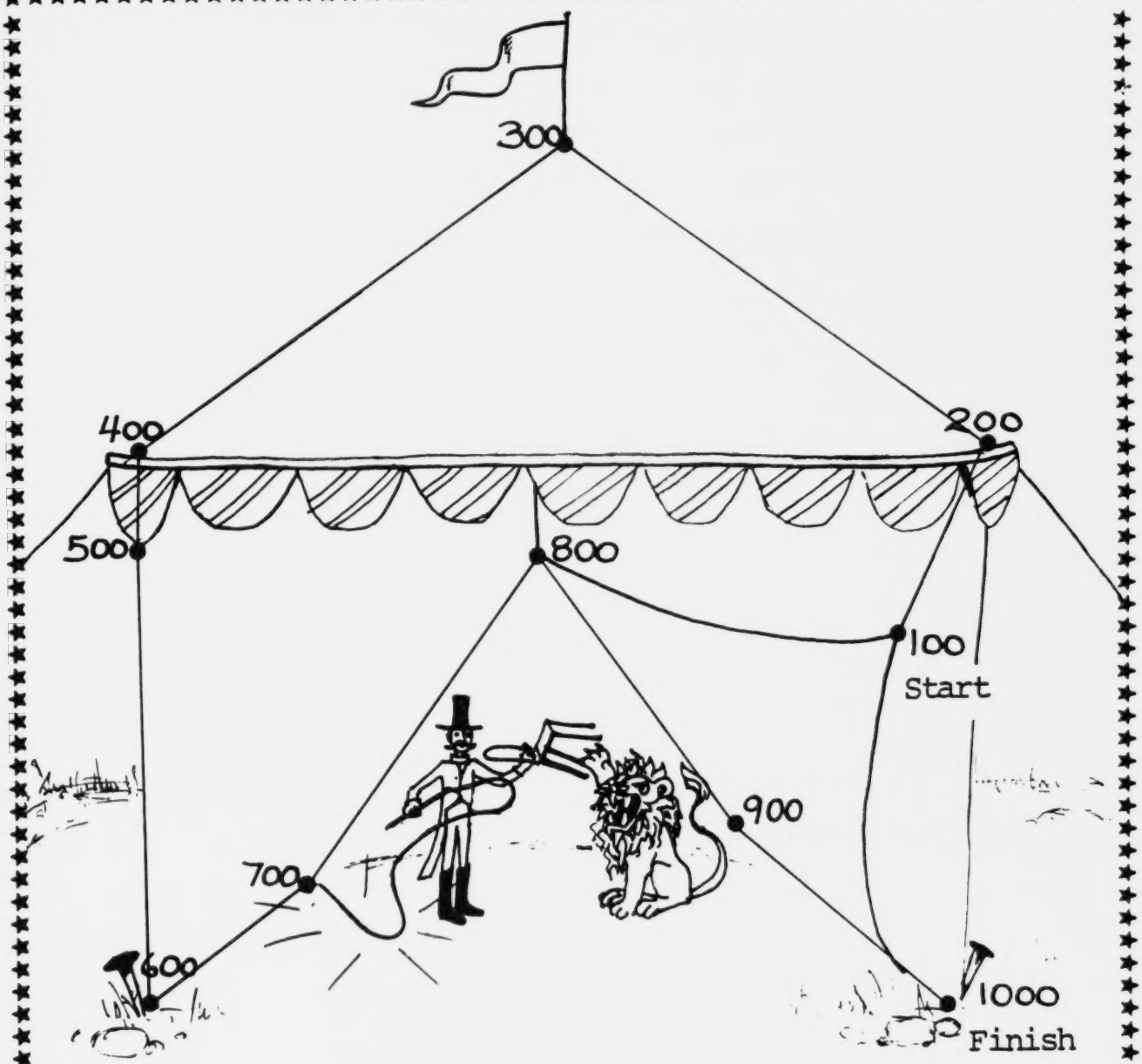
10

P.O. 2.01.01.01

NAME: _____ CLASS: _____ DATE: _____

Connect the dots in order. Start at 100. End at 1000.
What picture have you formed?

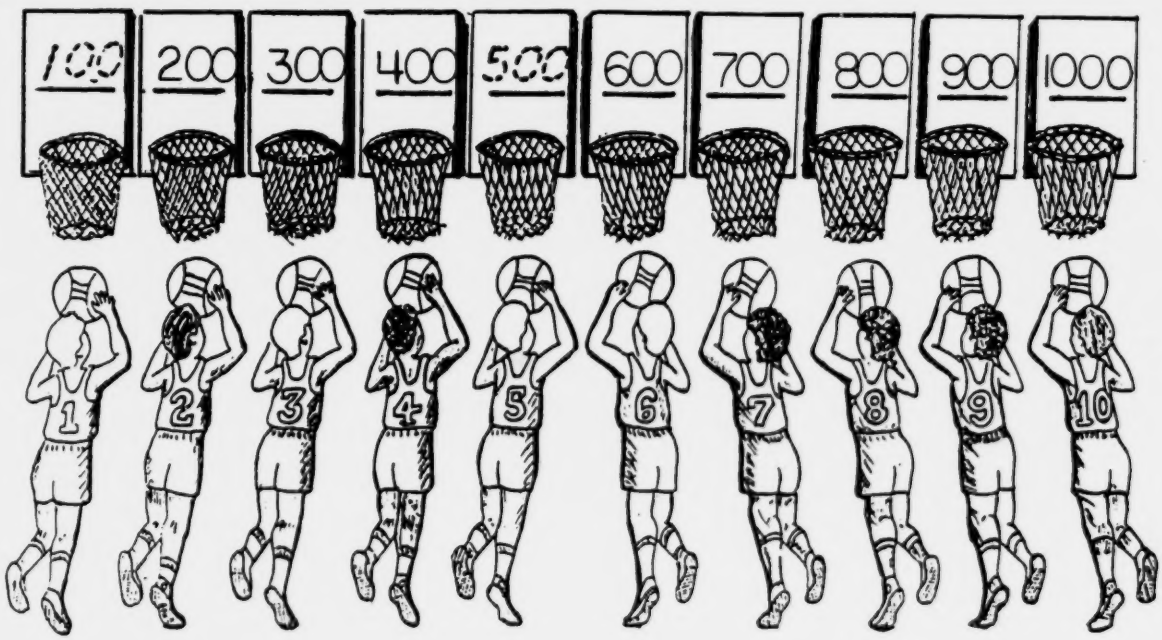
a circus tent



P.O. 2.01.01.02

NAME: _____ CLASS: _____ DATE: _____

Write the missing numbers on the scoreboard.



Finish the count:

100, 200, 300, 400, 500,
600, 700, 800, 900, 1000.

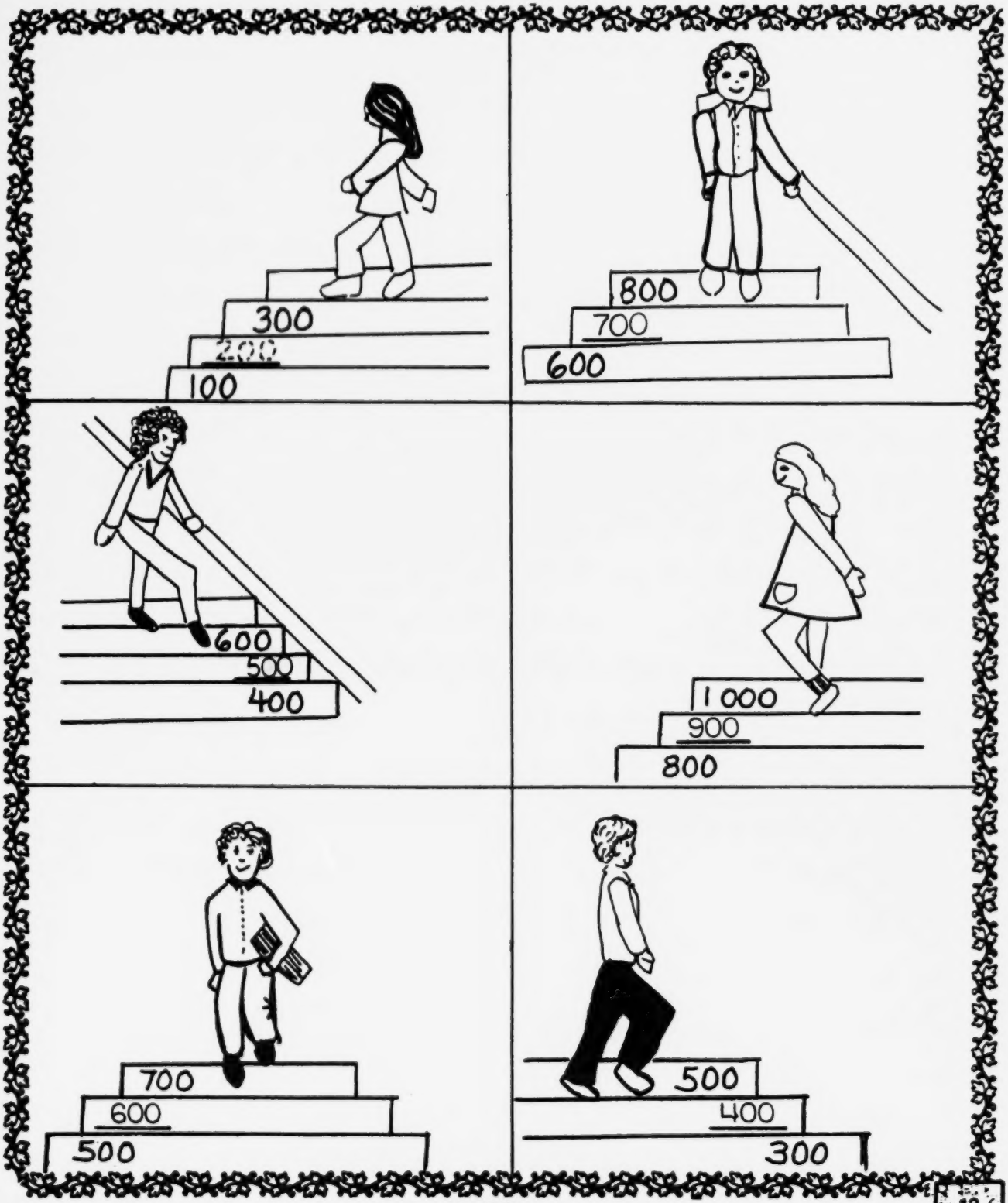
Can you now count backward?

1000, 900, 800, 700, 600, 500,
400, 300, 200, 100.

P.O. 2.01.01.03

NAME:_____ CLASS:_____ DATE:_____

Write the number which belongs on each empty step.

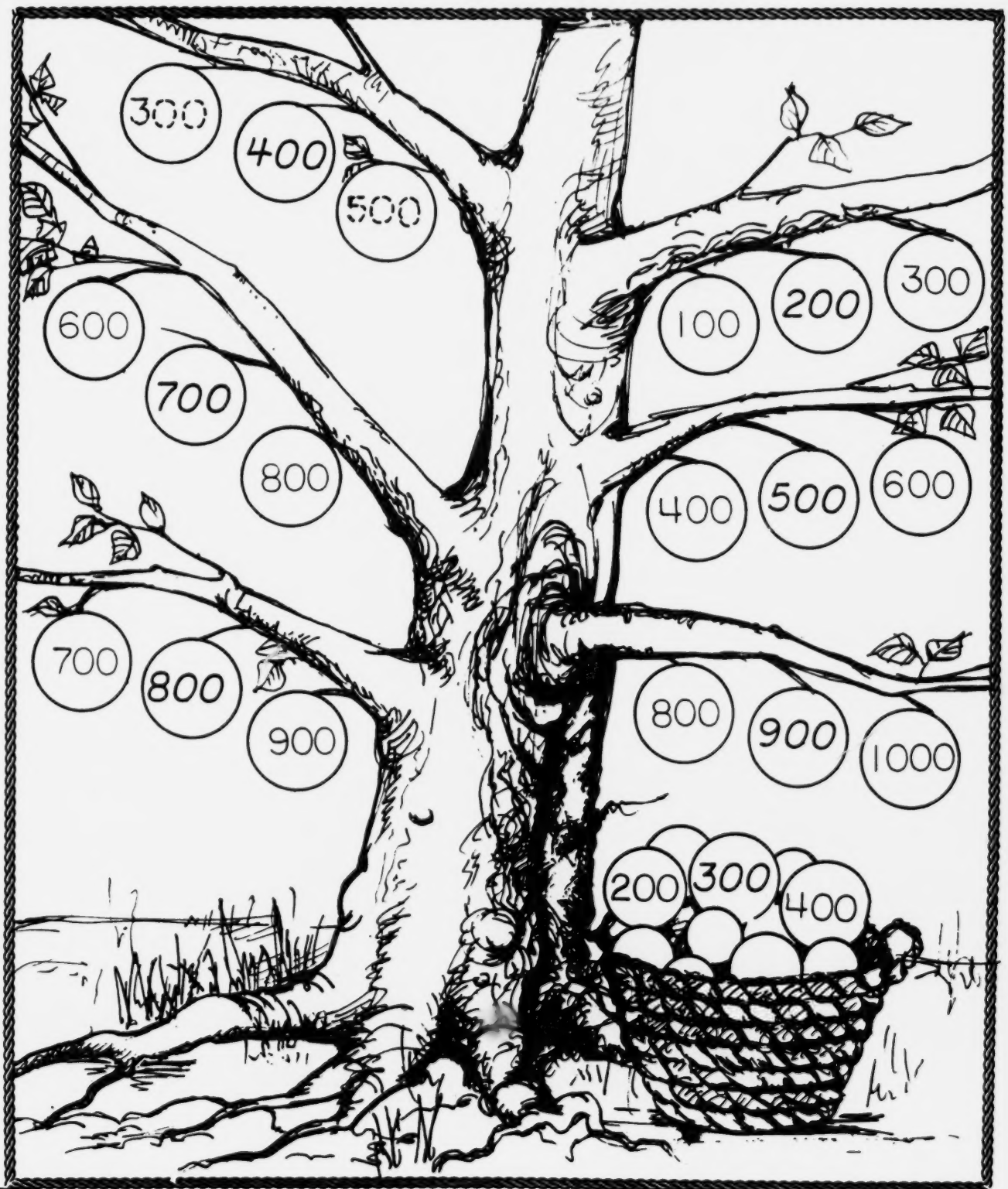


13

P.O. 2.01.01.04

NAME: _____ CLASS: _____ DATE: _____

Count by hundreds. Write a number in each circle to complete each number pattern.



P.O. 2.01.02.01

NAME: _____ CLASS: _____ DATE: _____

Fill in the missing numbers. Count forward going up the stairs.
Count backward going down the stairs.

153 154 155 156

566 567 568 569

844 845 846 847

477 476 475 474

738 737 736 735

689 688 687 686

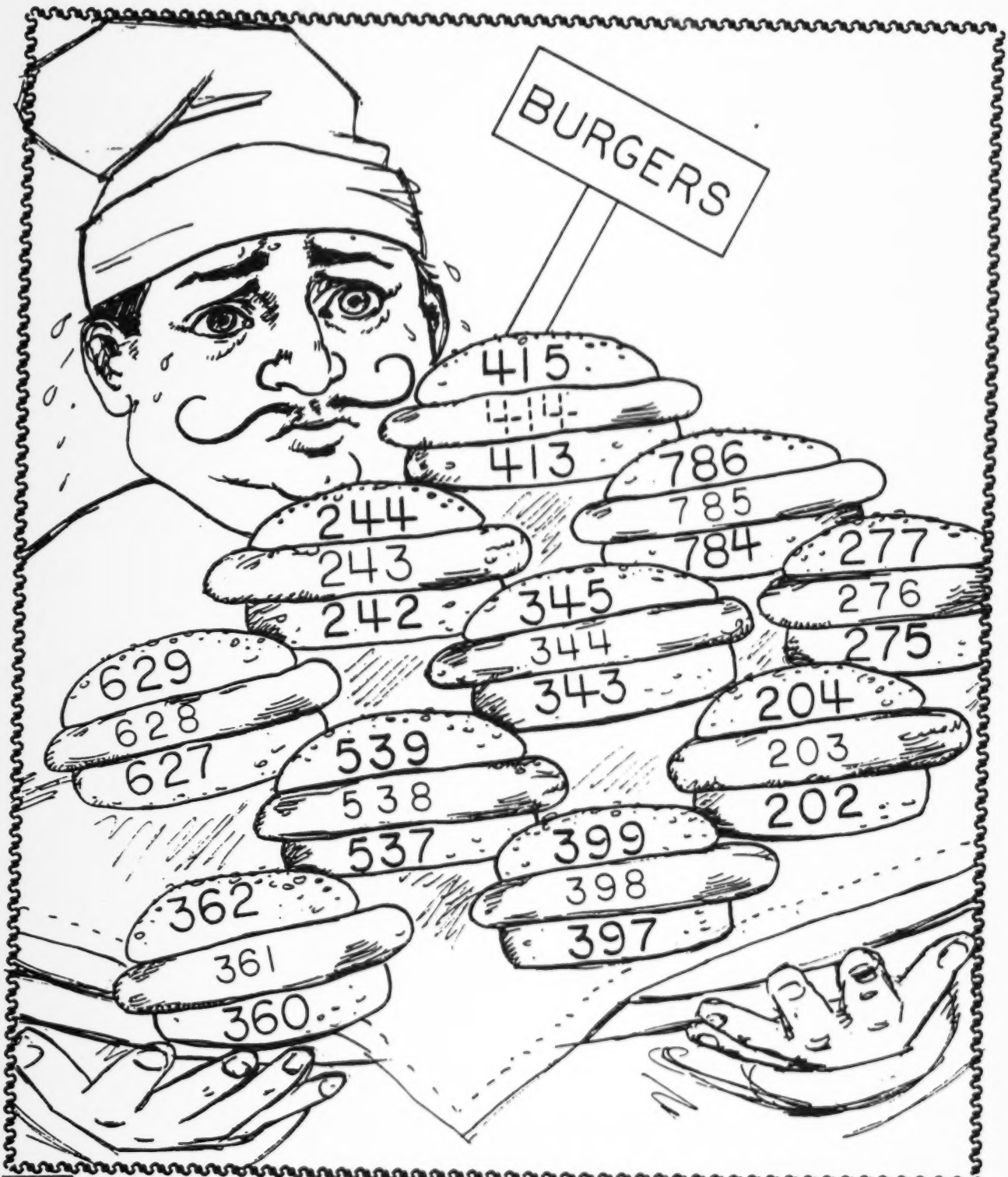
999 998 997 996

732 733 734 735

P.O. 2.01.02.02

NAME: _____ CLASS: _____ DATE: _____

Can you make a number burger? Fill in the missing numbers.

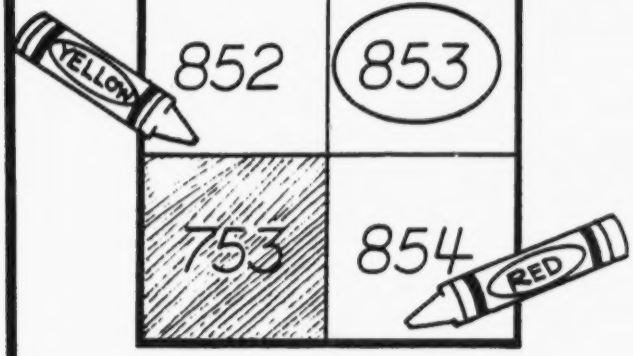


P.O. 2.01.02.03

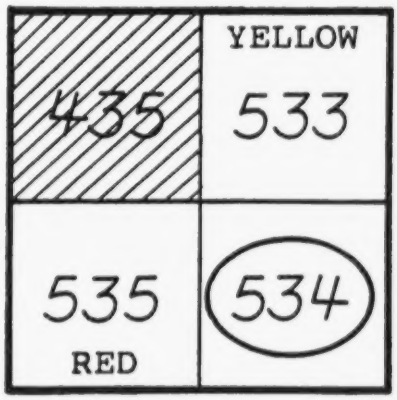
NAME: _____ CLASS: _____ DATE: _____

Look at the number in the circle. Find the box with the number which comes one before the number in the circle. Color it yellow. Find the box with the number which comes one after the number in the circle. Color it red. Shade the box that does not belong.

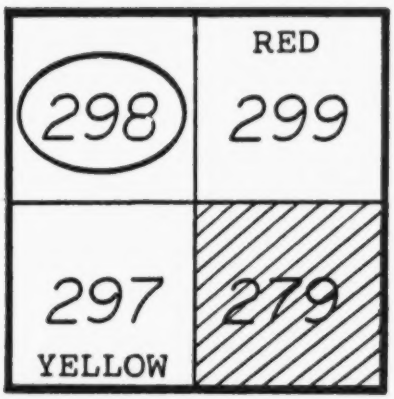
A.



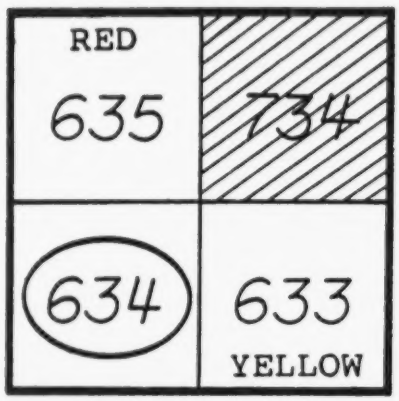
B.



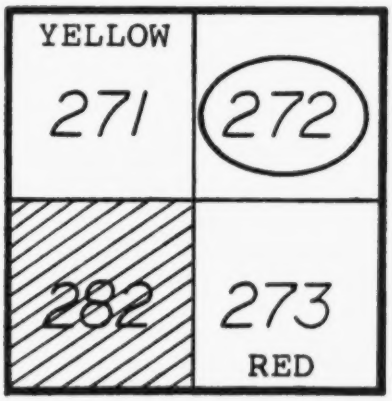
C.



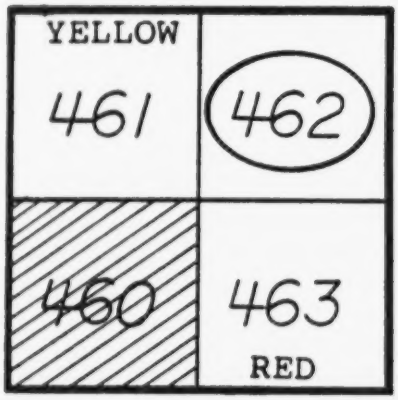
D.



E.



F.

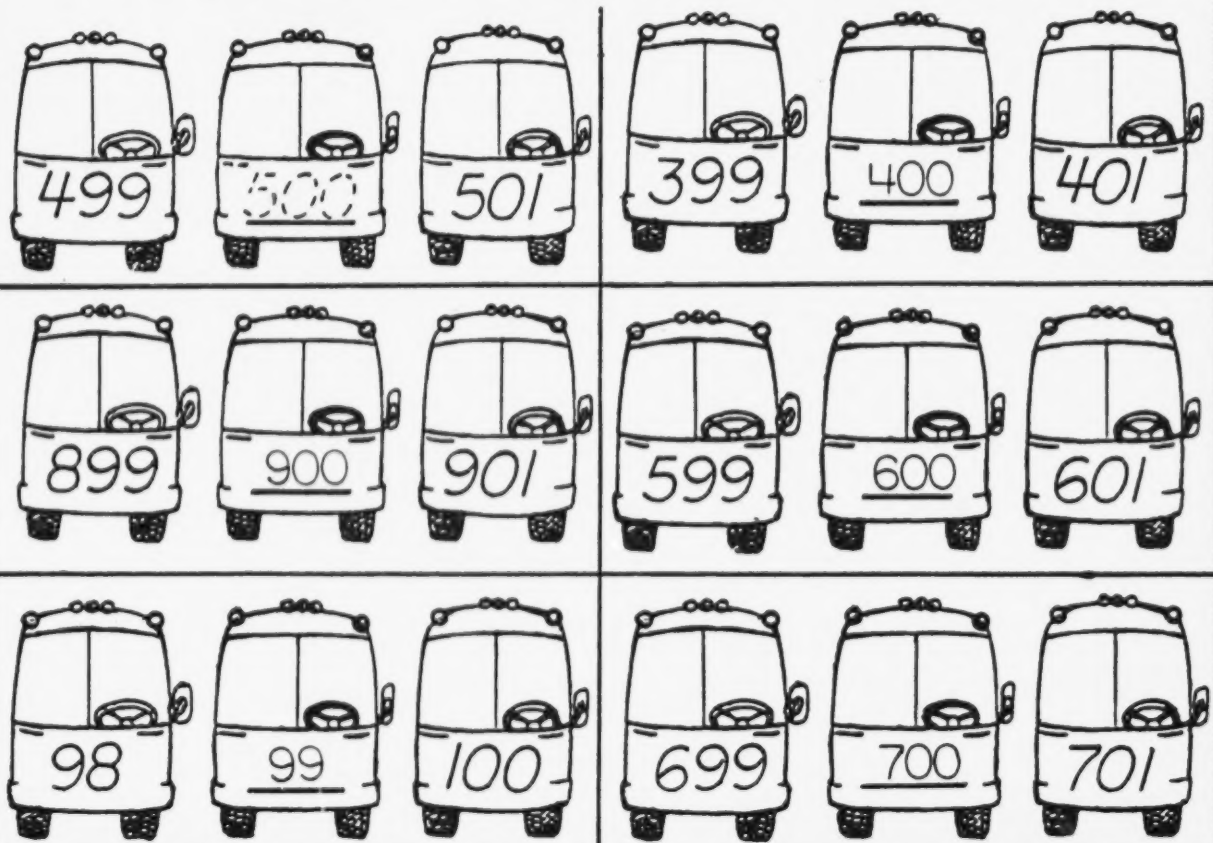


P.O. 2.01.02.04

NAME:_____ CLASS:_____ DATE:_____

Follow the directions for each part.

Number the buses so that they are in counting order.



Count backward to complete the number sequences below.

501, 500, 499

301, 300, 299

401, 400, 399

202, 201, 200, 199

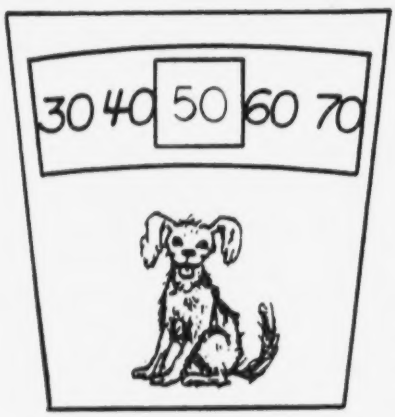
702, 701, 700, 699

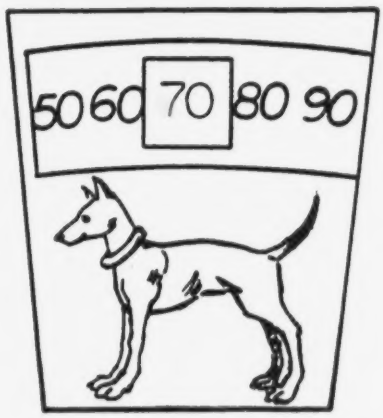
601, 600, 599, 598

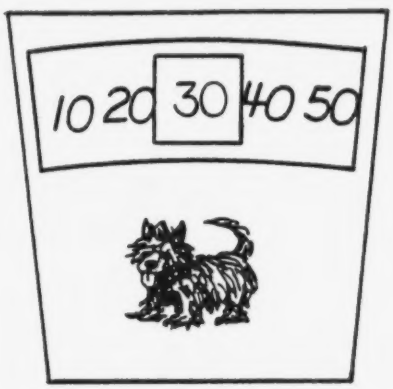
P.O. 2.01.03.01

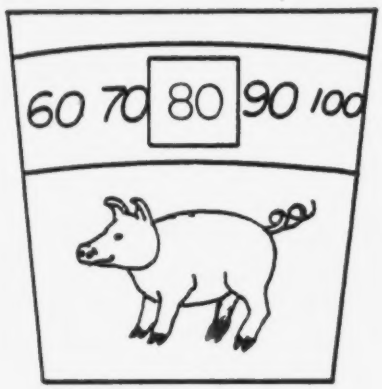
NAME:_____ CLASS:_____ DATE:_____

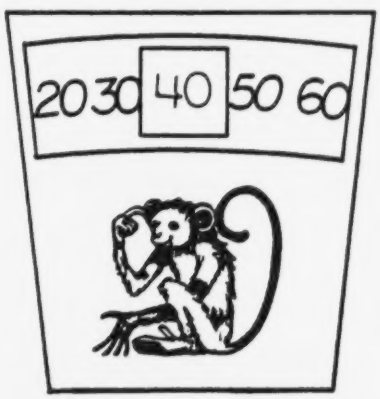
How much does each animal weigh? Count by tens.
Write the missing numeral.

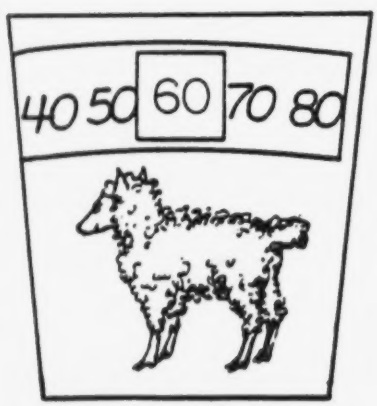








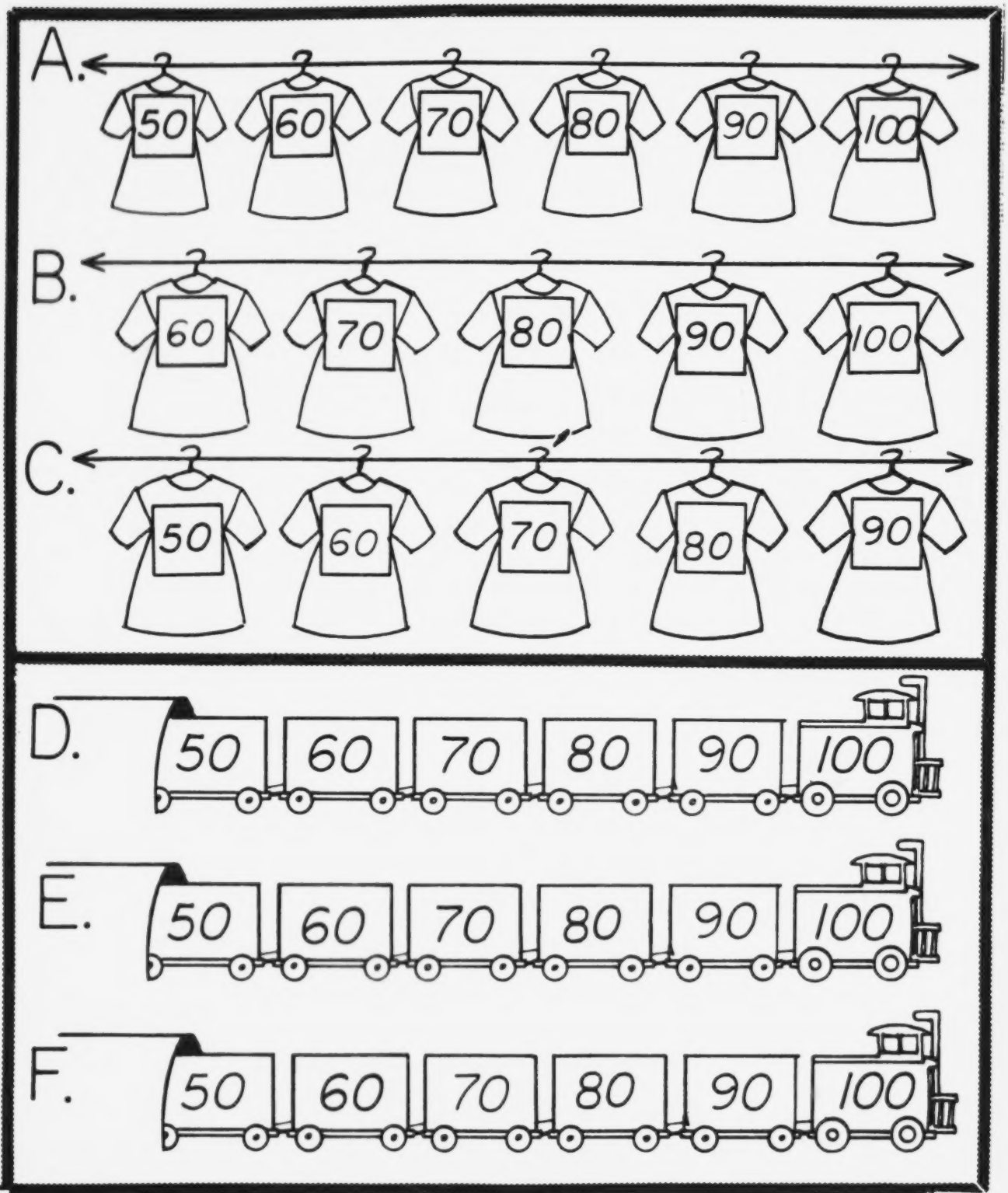




P.O. 2.01.03.02

NAME: _____ CLASS: _____ DATE: _____

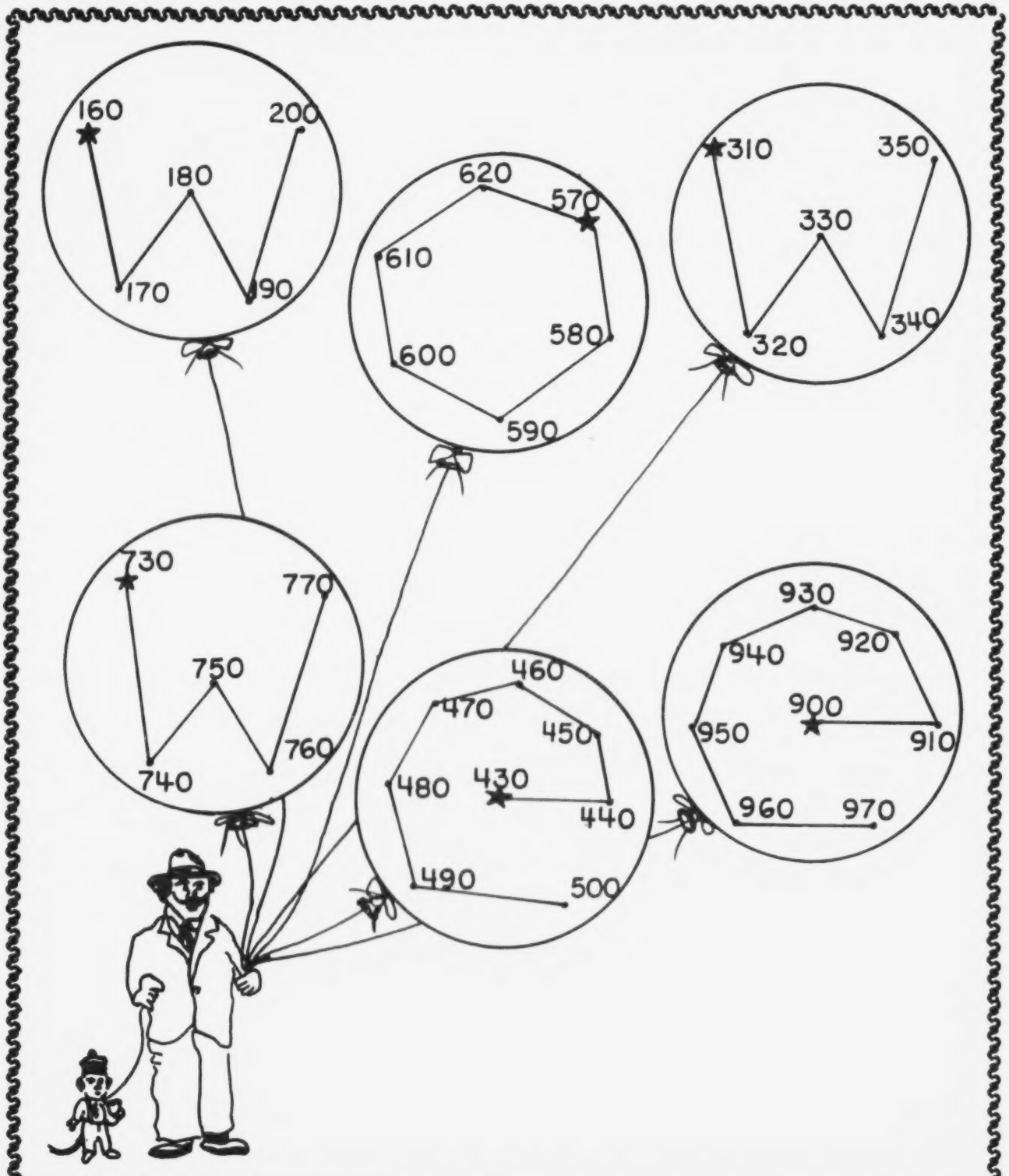
Write the missing numbers.



P.O. 2.01.03.03

NAME: _____ CLASS: _____ DATE: _____

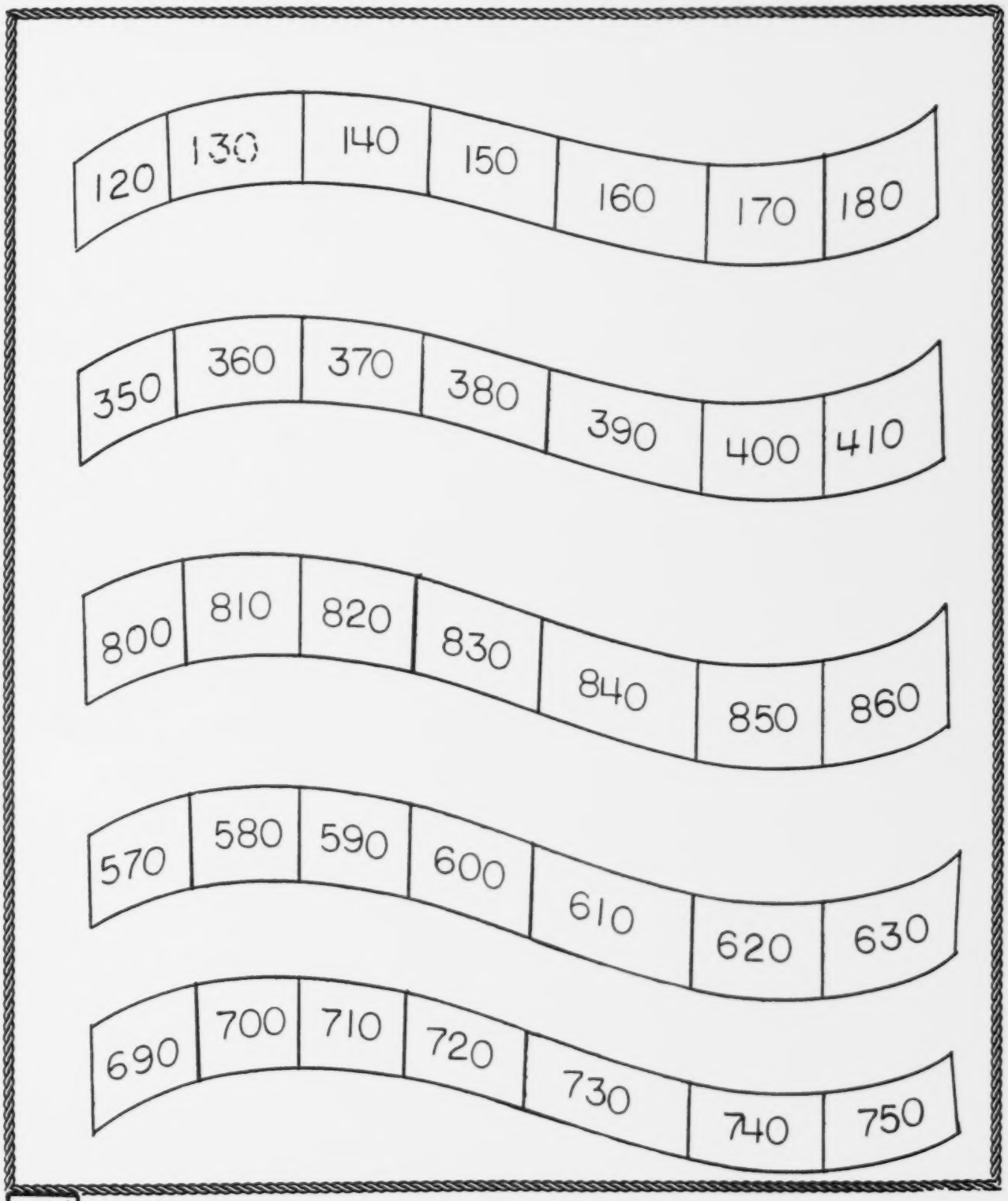
Start at each star. Draw a line that connects the numbers in each balloon in the correct order.



P.O. 2.01.03.04

NAME:_____ CLASS:_____ DATE:_____

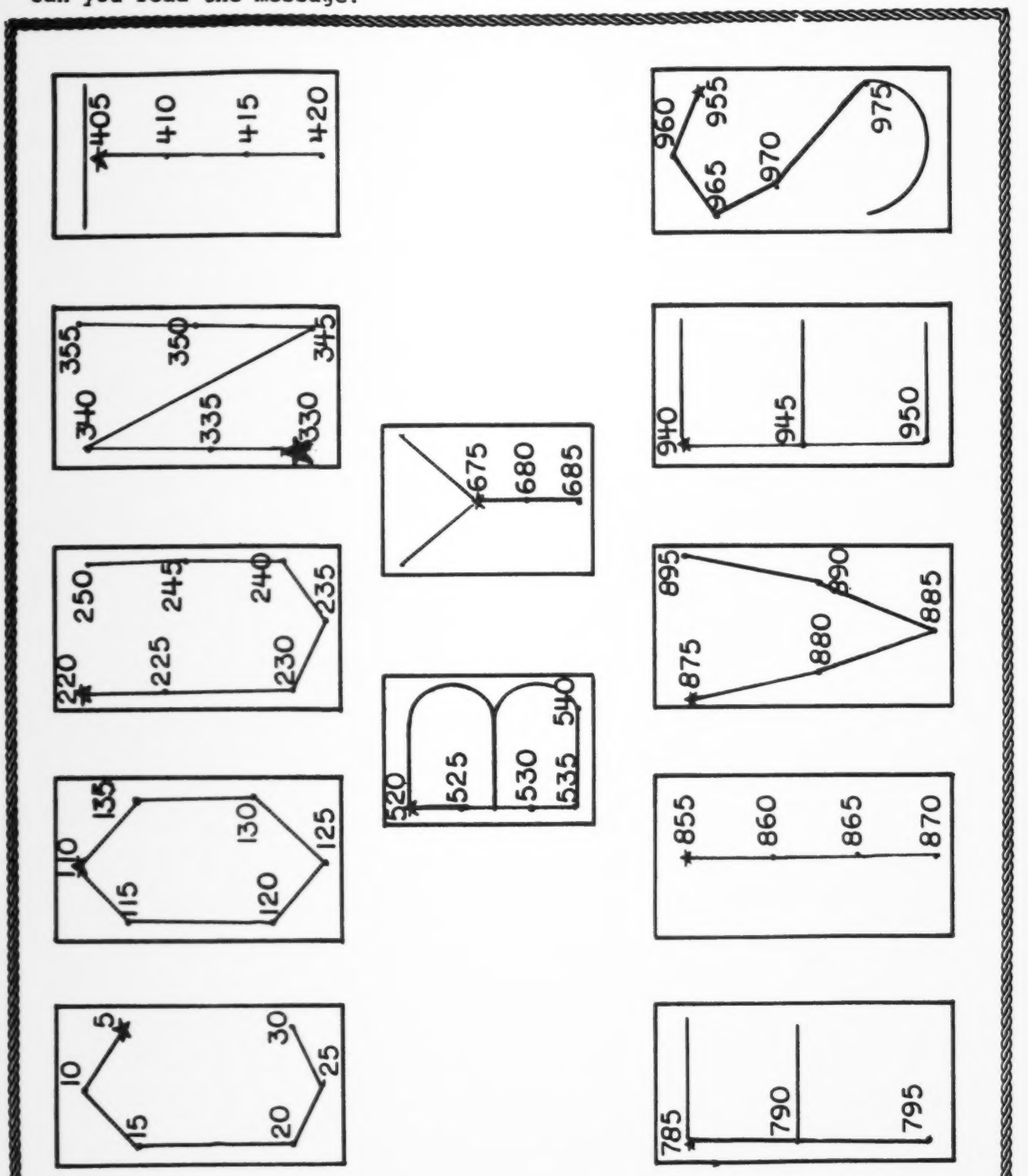
Count by tens and write the missing numbers in the empty boxes.



P.O. 2.01.03.05

NAME: _____ CLASS: _____ DATE: _____

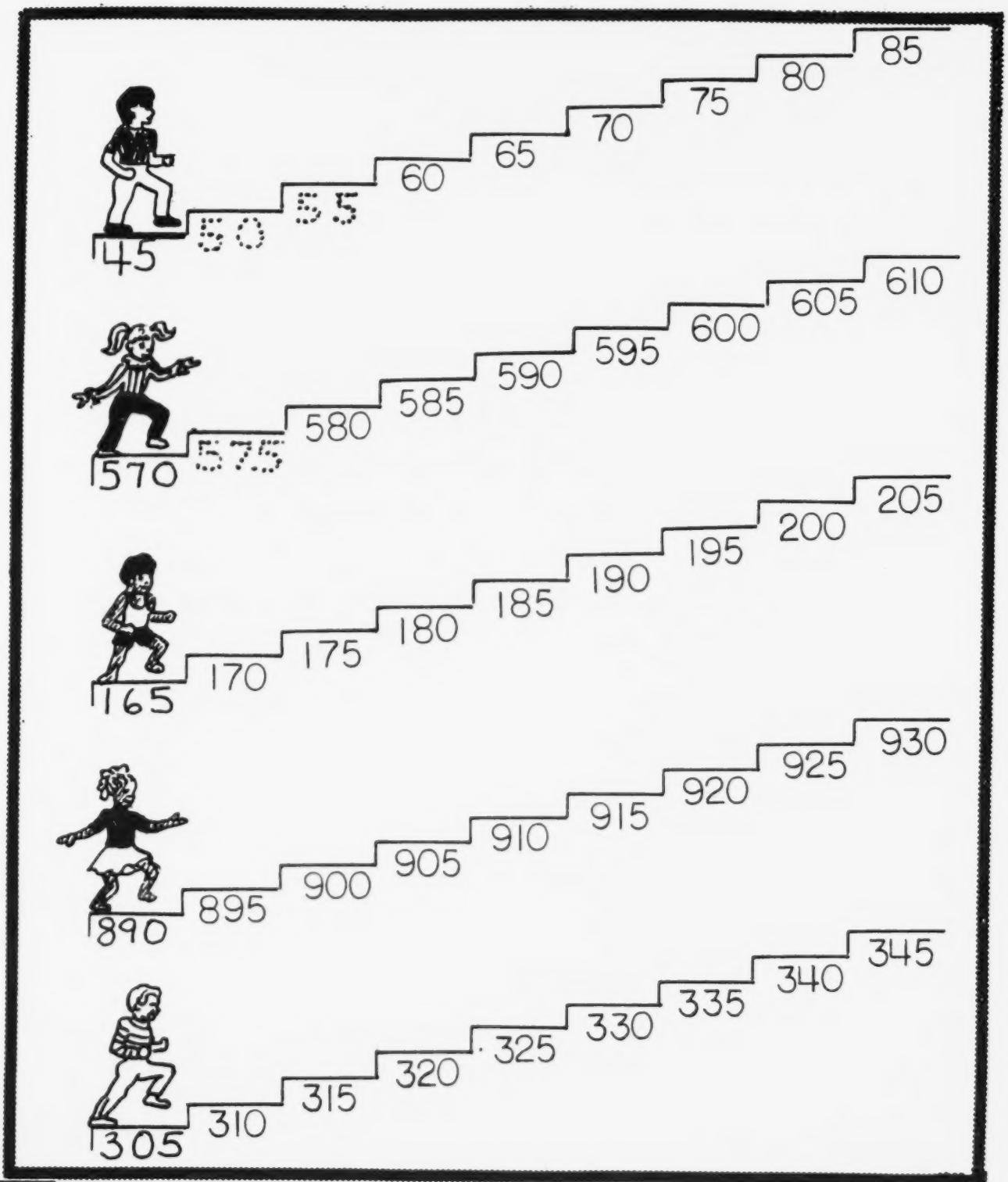
Connect the numbers in each box, counting by fives. Begin at the star (★).
Can you read the message?



P.O. 2.01.03.06

NAME:_____ CLASS:_____ DATE:_____

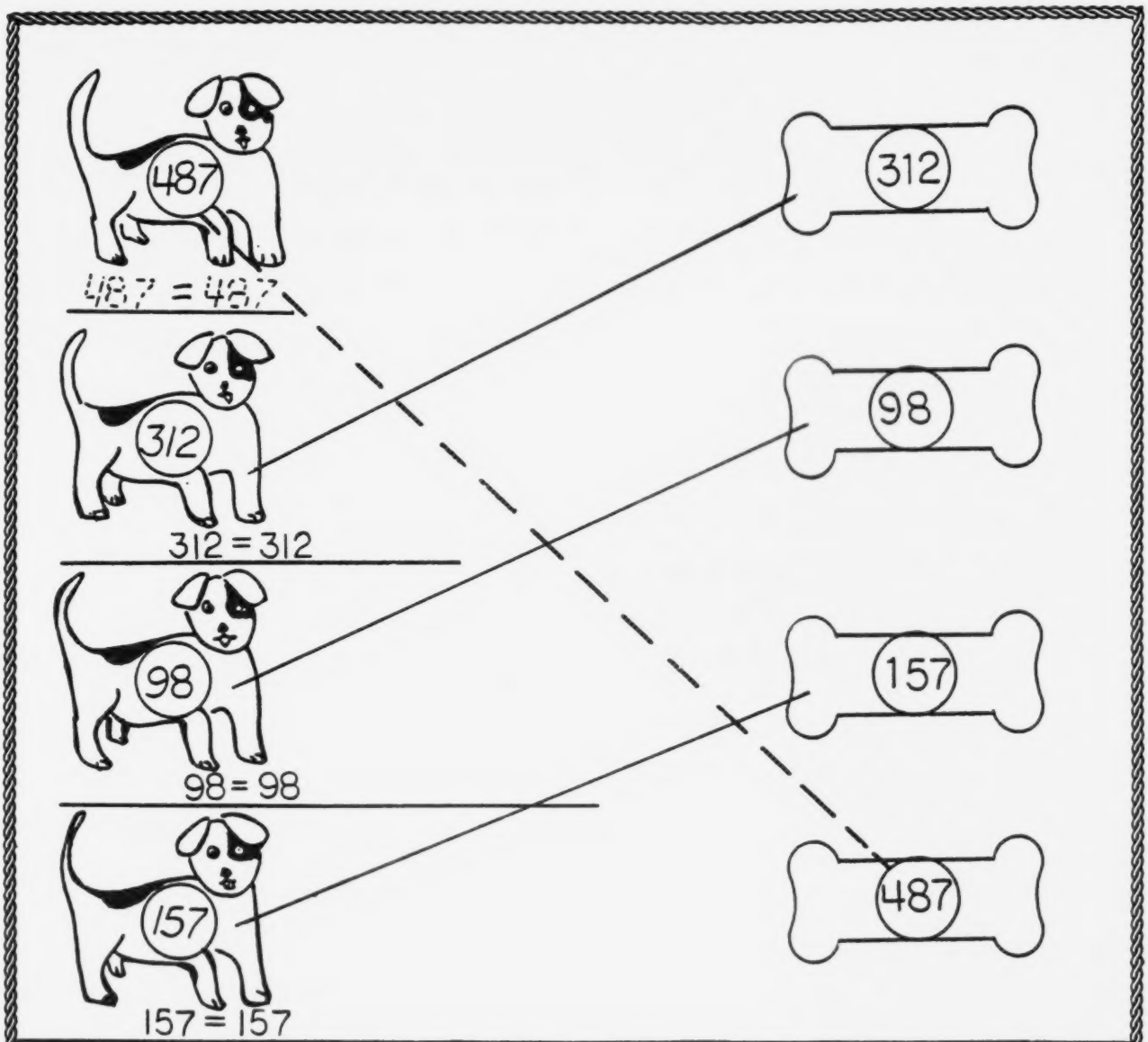
Can you climb to the top of each staircase? Write the numbers as you count by fives.



P.O. 2.01.04.01

NAME:_____ CLASS:_____ DATE:_____

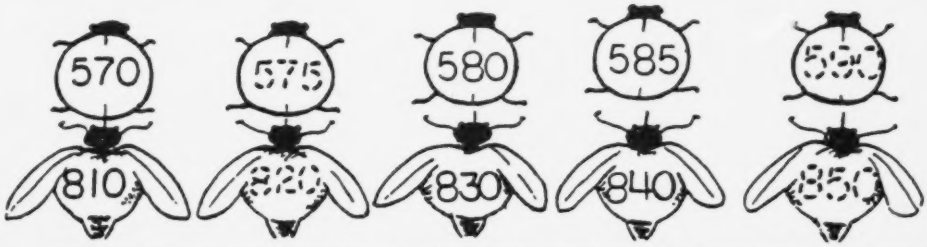
Draw a line from each number on the dogs to the matching number on the bones. Write the matching numbers using an equal symbol.



DO YOU REMEMBER?

Count by fives.

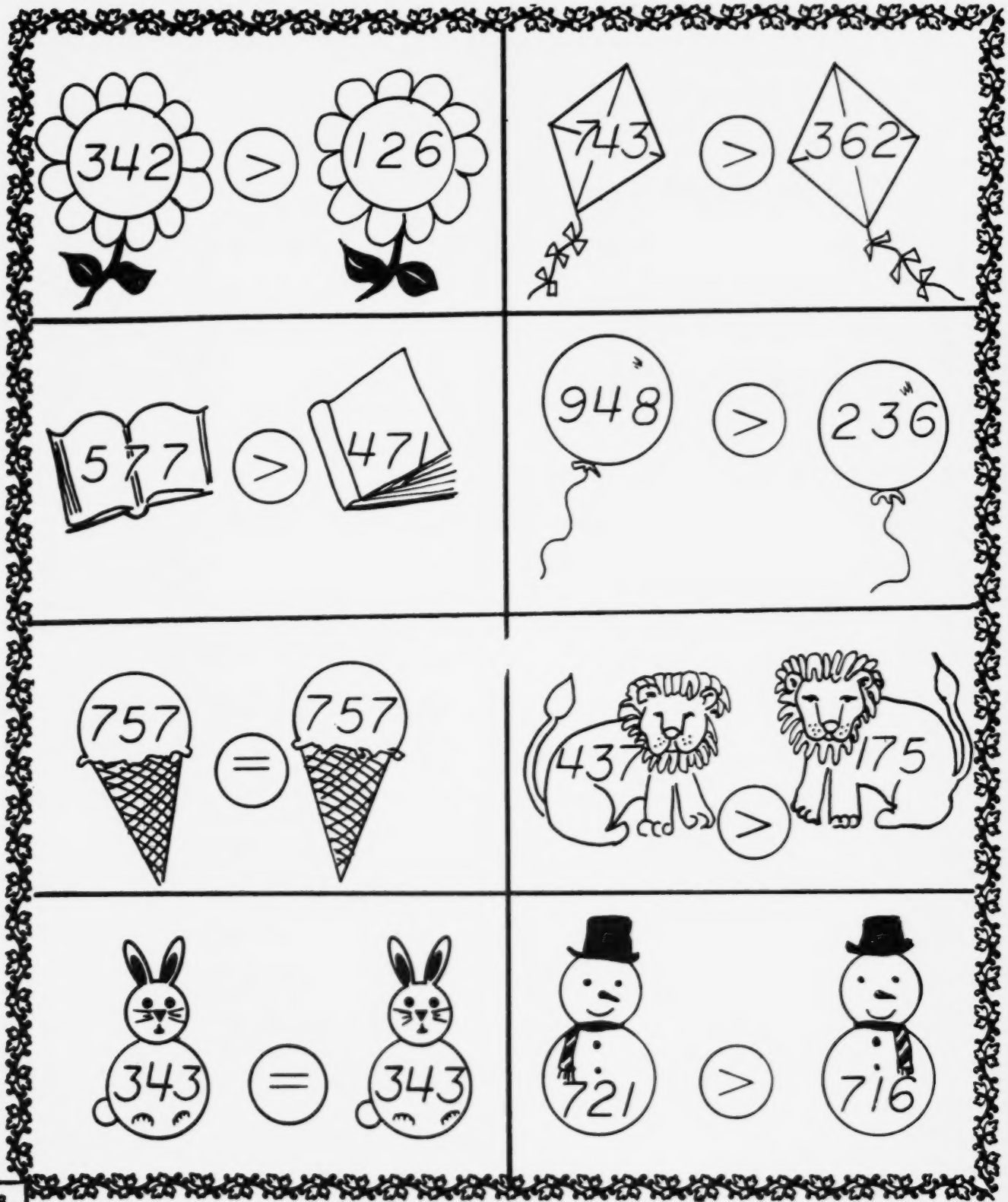
Count by tens.



P.O. 2.01.04.01-.02

NAME:_____ CLASS:_____ DATE:_____

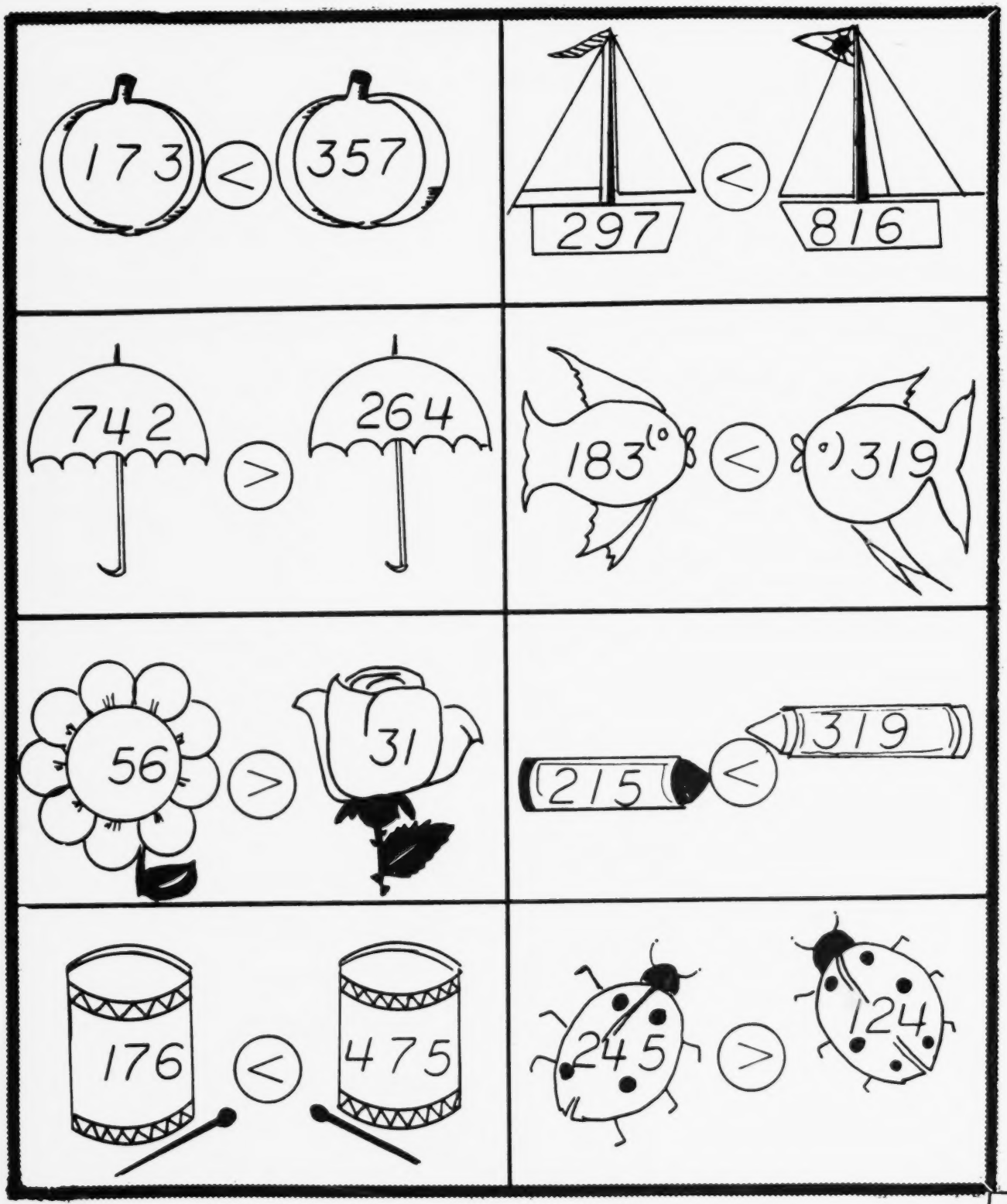
Write the symbol > or = in each circle.



P.O. 2.01.04.02-.03

NAME:_____ CLASS:_____ DATE:_____

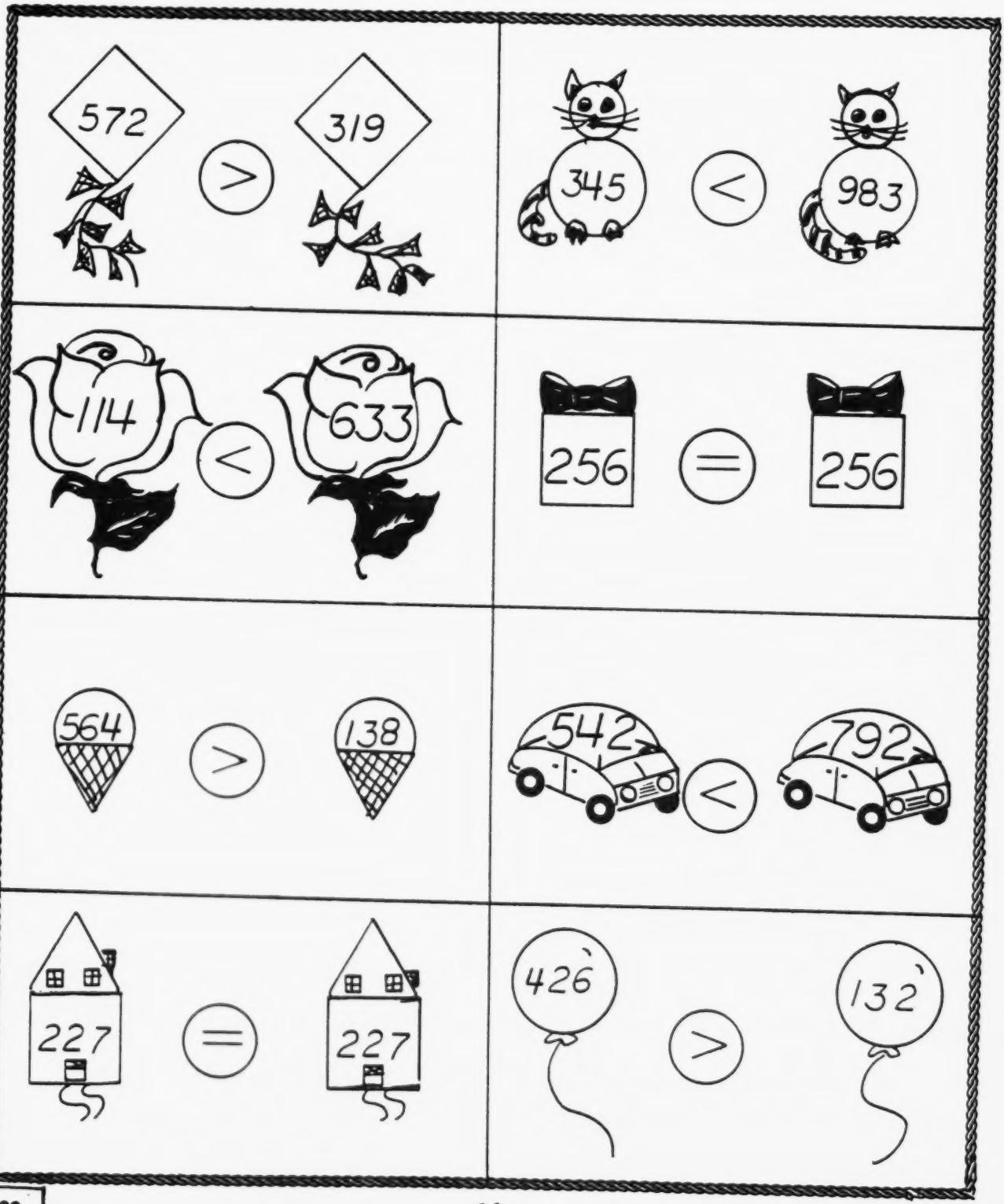
Write the symbol > (greater than) or < (less than) in each circle.



P.O. 2.01.04.04

NAME: _____ CLASS: _____ DATE: _____

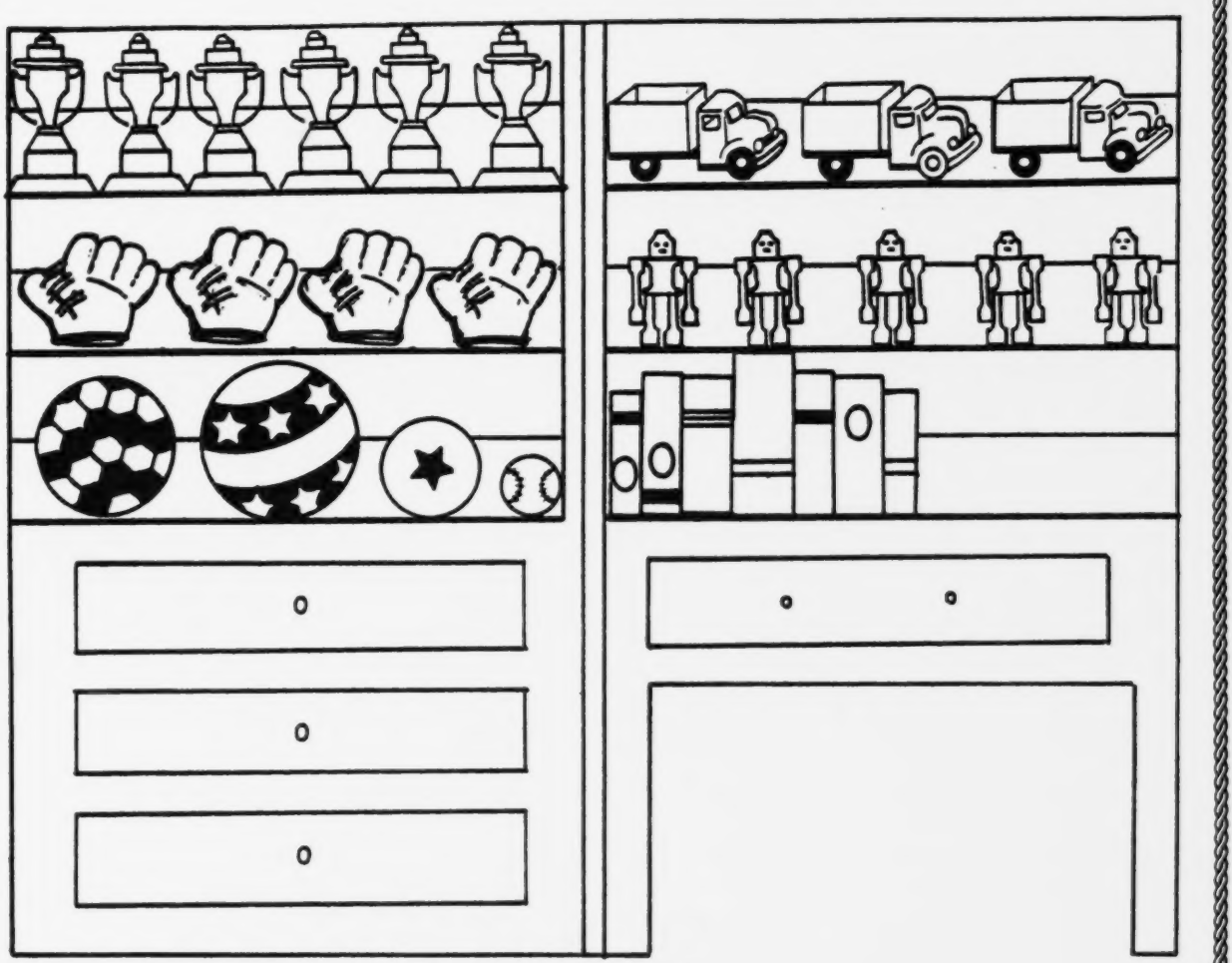
Write the symbol in each circle. > (greater than), < (less than), or = (equal to)



P.O. 2.13.01.01

NAME: _____ CLASS: _____ DATE: _____

Use the pictures to answer the questions below.



1. Which item on the shelves has the fewest in number? trucks

2. Which item has the greatest in number? books

3. Which items are equal in number? gloves balls

4. How many items are on the shelves altogether? 29

5. How many more books are there than trucks? 4

P.O. 2.13.01.02

NAME:_____ CLASS:_____ DATE:_____

Use the pictures to answer the questions below.

SUSAN

LISA

1. How many charms are on Susan's necklace? 10
2. How many charms are on Lisa's necklace? 7
3. How many charms are there altogether? 17
4. How many more charms is Susan wearing than Lisa? 3
5. How many crayons are on Susan's necklace? 4
6. How many more bats than crayons are on Lisa's necklace? 2
7. How many more crayons does Lisa need, to have the same amount of crayons as Susan? 2

P.O. 2.13.01.03

NAME: _____ CLASS: _____ DATE: _____

Use the price list to answer the questions below.

1. How much does an apple cost? 15¢

2. Which two items together cost a quarter?
   Banana and Apple or Juice and Orange

3. Which item costs the most? Milk

4. Which item costs the least? Orange

5. How much more does juice cost than a banana? 10¢

6. How many items are shown on the price list? 5

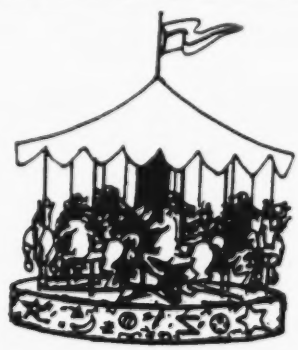
P.O. 2.12.01.01

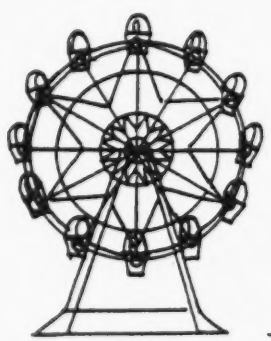
NAME:_____ CLASS:_____ DATE:_____

Read the story. Complete the table by following the directions below.

Daisy Park has many exciting rides. On Sunday morning there were 12 riders on the roller coaster, 8 riders on the log ride, 10 riders on the ferris wheel and 20 riders on the carousel. A fun time was had by all.

RIDES	NUMBER OF RIDERS
Roller Coaster	𝍸 𝍸 ||
Log Ride	𝍸 |||
Ferris Wheel	𝍸 𝍸
Carousel	𝍸 𝍸 𝍸 𝍸

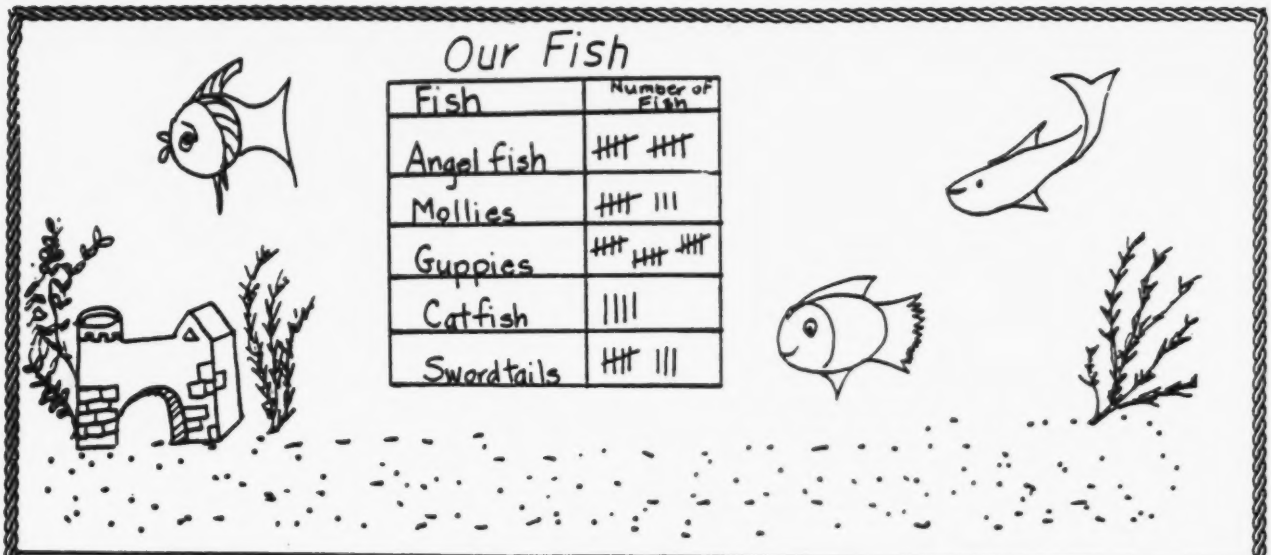




P.O. 2.12.01.02

NAME: _____ CLASS: _____ DATE: _____

Read the table. Use the information from the table to answer the questions.



Our Fish

Fish	Number of Fish
Angel fish	𝍸 𝍸
Mollies	𝍸 III
Guppies	𝍸 𝍸 𝍸
Catfish	IIII
Swordtails	𝍸 III

1. Which group has the greatest number of fish? Guppies

2. Which group has the fewest fish? Catfish

3. How many more swordtails are there than catfish? 4

4. How many fewer mollies are there than angelfish? 2

5. Which groups have an equal number of fish? Mollies and Sword-tails

DO YOU REMEMBER?

Do each problem. Circle the answers that are greater than 7.

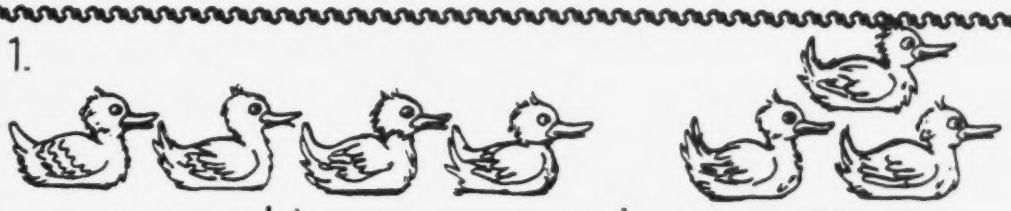
6 + 7 = (13)	9 + 9 = (18)	3 + 9 = (12)	14 − 7 = 7	16 − 9 = 7	12 − 7 = 5

P.O. 2.14.03.01

NAME: _____ CLASS: _____ DATE: _____

Find the sums.

1.

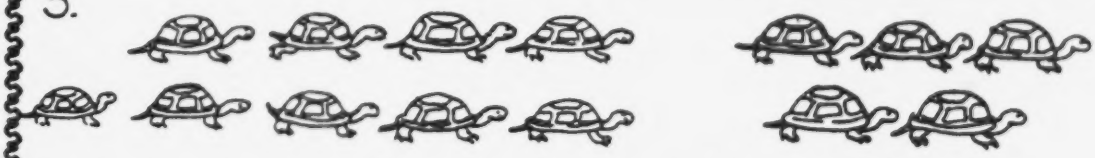


4 + 3 = 7

2.

8 + 4 = 12

3.



9 + 5 = 14

Add the numerals.

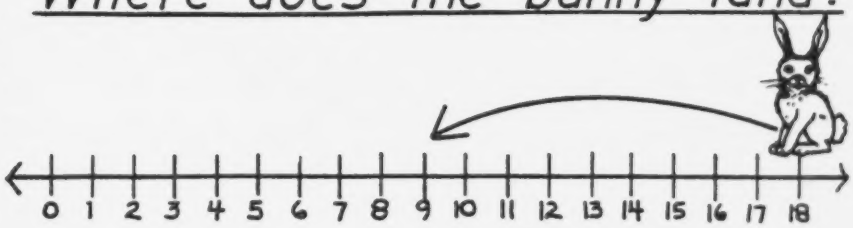
7+8 = 15	9+4 = 13	8+8 = 16
5+9 = 14	8+9 = 17	7+7 = 14
9 + 2 = 11	8 + 6 = 14	9 + 9 = 18

P.O. 2.14.03.02

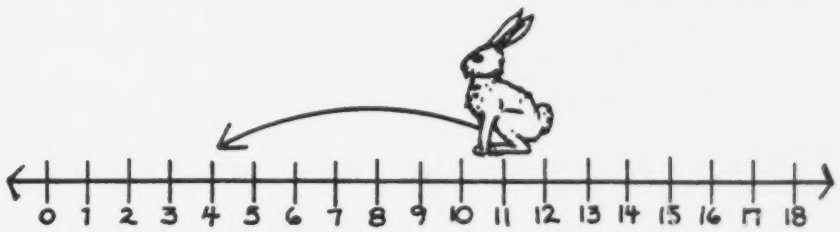
NAME: _____ CLASS: _____ DATE: _____

Find the differences.

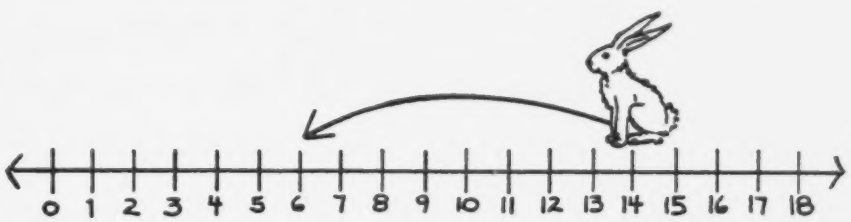
Where does the bunny land?



18 − 9 = 9



11 − 7 = 4



14 − 8 = 6

Find the differences.

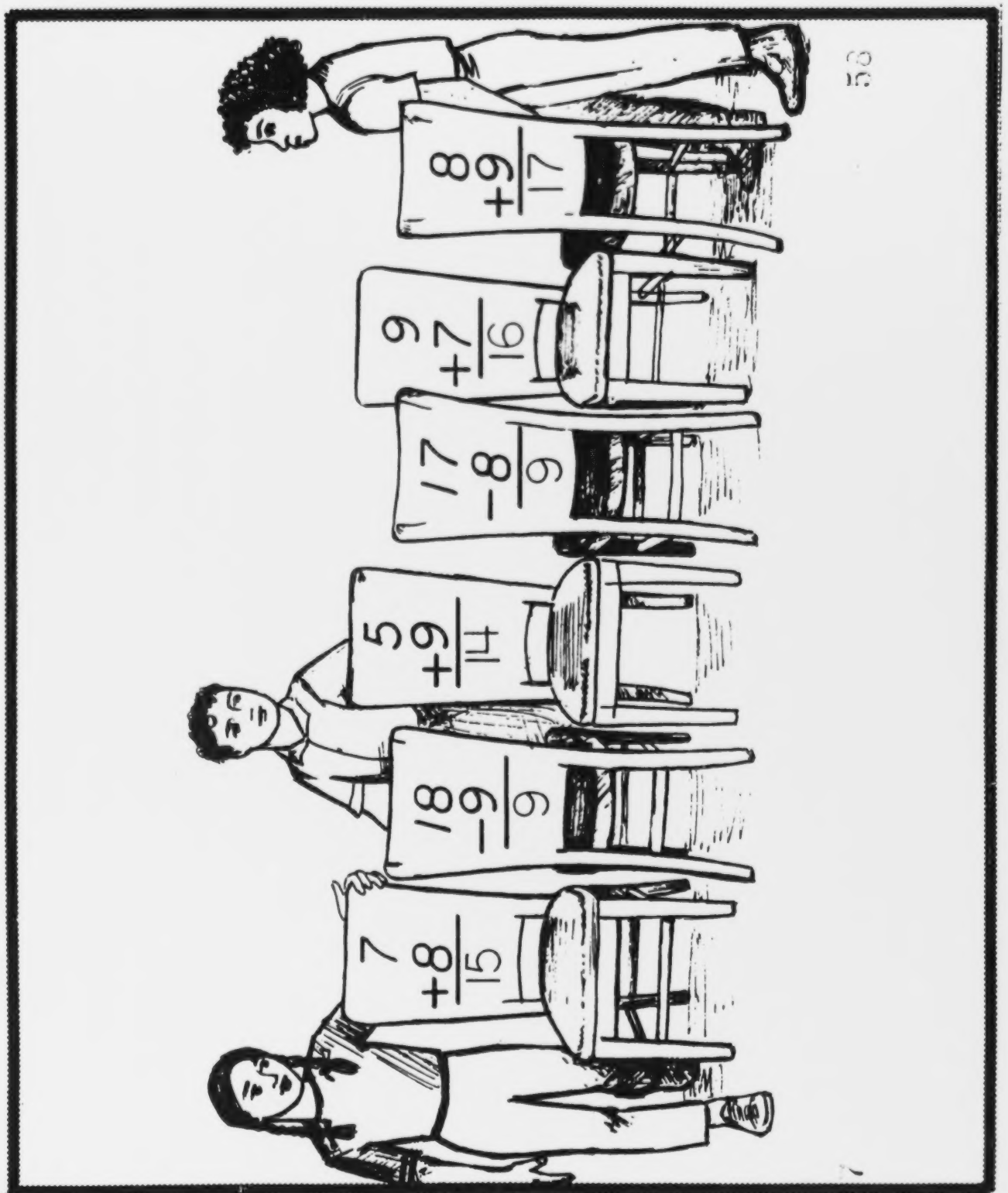
18 − 9 = 9	12 − 5 = 7	17 − 9 = 8
11 − 4 = 7	14 − 9 = 5	15 − 8 = 7

$$\begin{array}{r} 14 \\ -\ 7 \\ \hline 7 \end{array} \qquad \begin{array}{r} 13 \\ -\ 6 \\ \hline 7 \end{array} \qquad \begin{array}{r} 16 \\ -\ 7 \\ \hline 9 \end{array}$$

P.O. 2.14.03.01-.02

NAME: _____ CLASS: _____ DATE: _____

Complete each example.



P.O. 2.10.02.01

NAME: _____ CLASS: _____ DATE: _____

Follow the directions in each part.

A. Write the value of each coin.

25¢

25¢

50¢

50¢

B. Match the coin to its value.

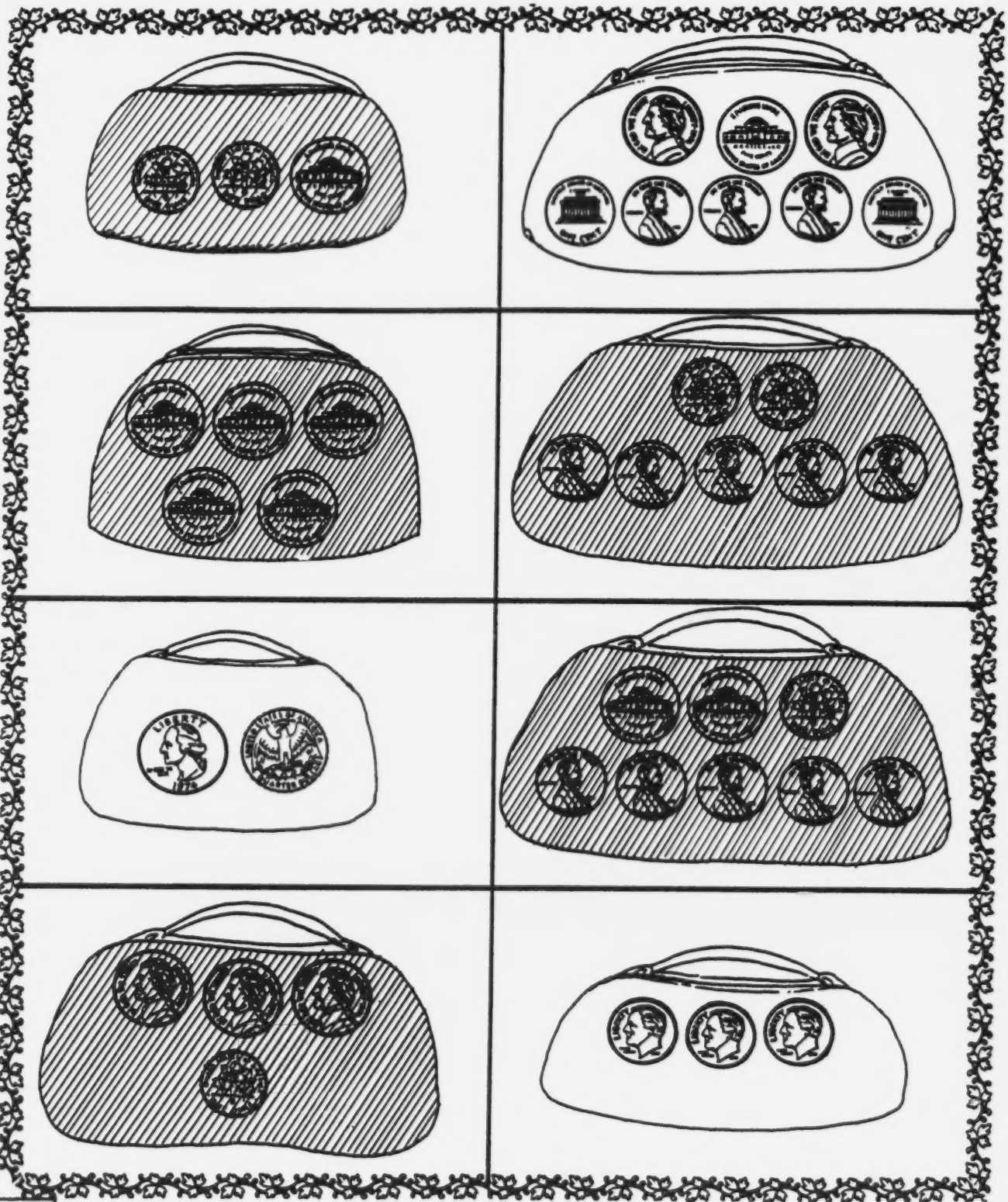
half-dollar

quarter

P.O. 2.10.02.02

NAME:_____ CLASS:_____ DATE:_____

Color the purses having coins equal in value to 25¢.

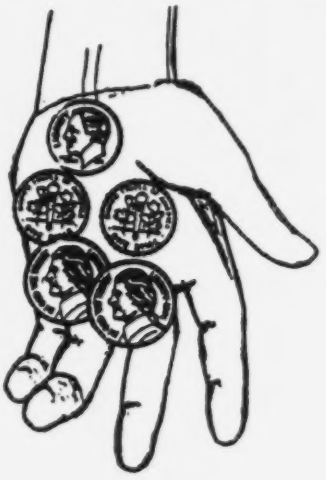


P.O. 2.10.02.03

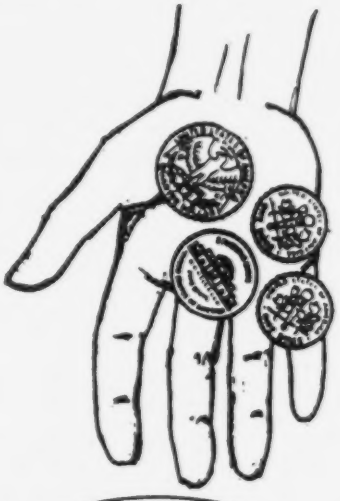
NAME:_____ CLASS:_____ DATE:_____

Follow the directions below.

You have a half-dollar. With which students could you exchange your coin and still have 50¢? Circle their names.

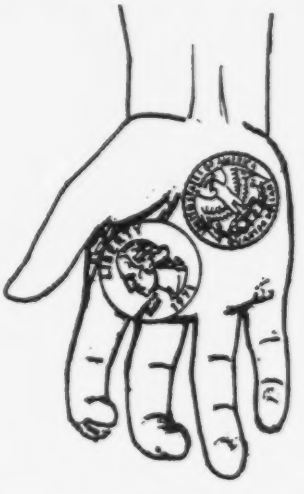


Anne



George

Sam

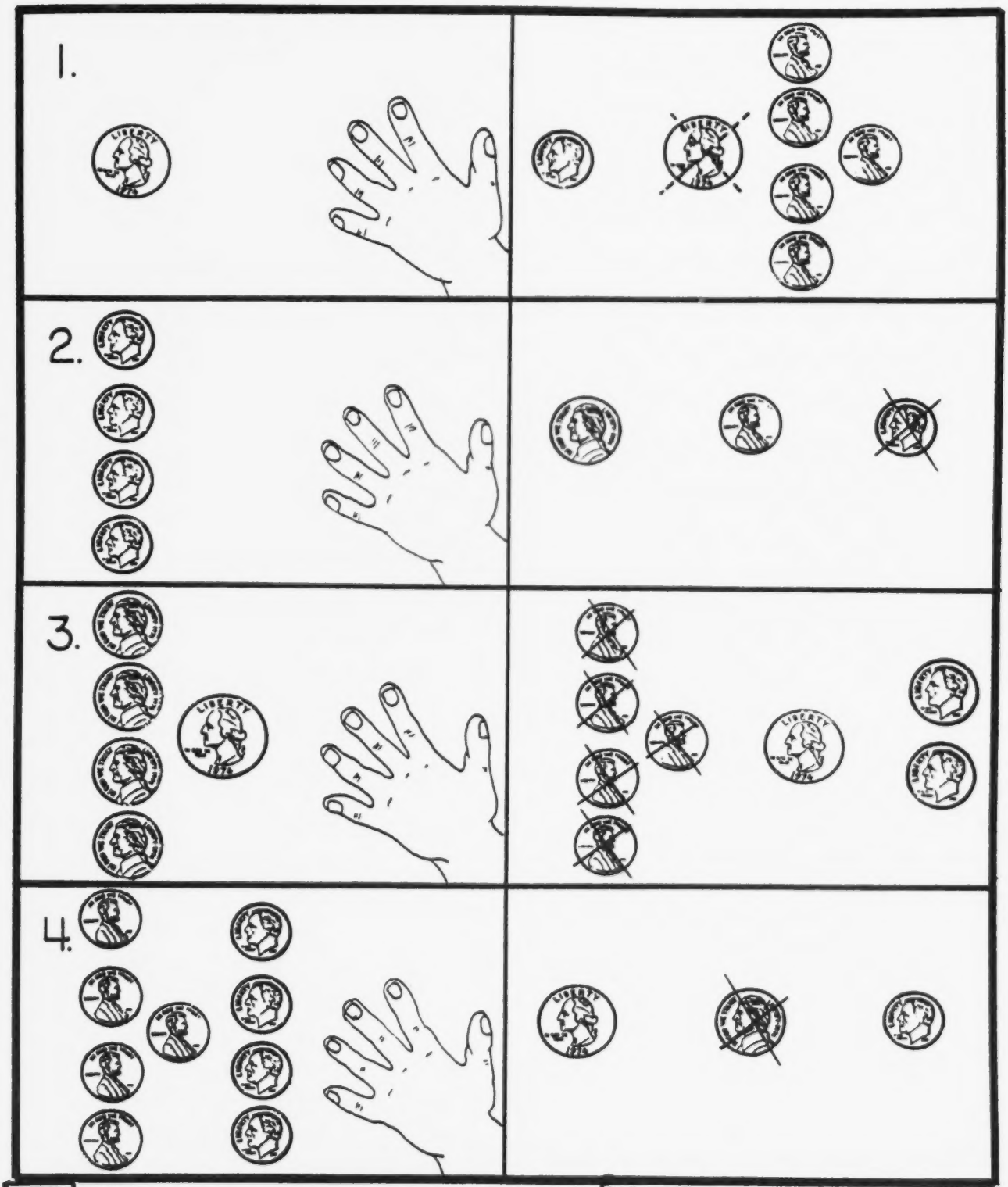


Nina

P.O. 2.10.02.03

NAME:_____CLASS:_____DATE:_____

Which coin(s) is (are) the hand hiding? Each box has coins that equal 50¢. Draw an X on the hidden coin(s).



P.O. 2.10.02.04

NAME: _____ CLASS: _____ DATE: _____

Follow the directions in each part.

1. Anita bought a top for two dimes and a nickel. How much money did she spend?

25¢

2. Jose washed the dishes. His mother gave him 5 dimes. How much money did he receive?

50¢

3. Roslynn counted the money in her bank. She counted 3 nickels and a dime. How much money did she have?

25¢

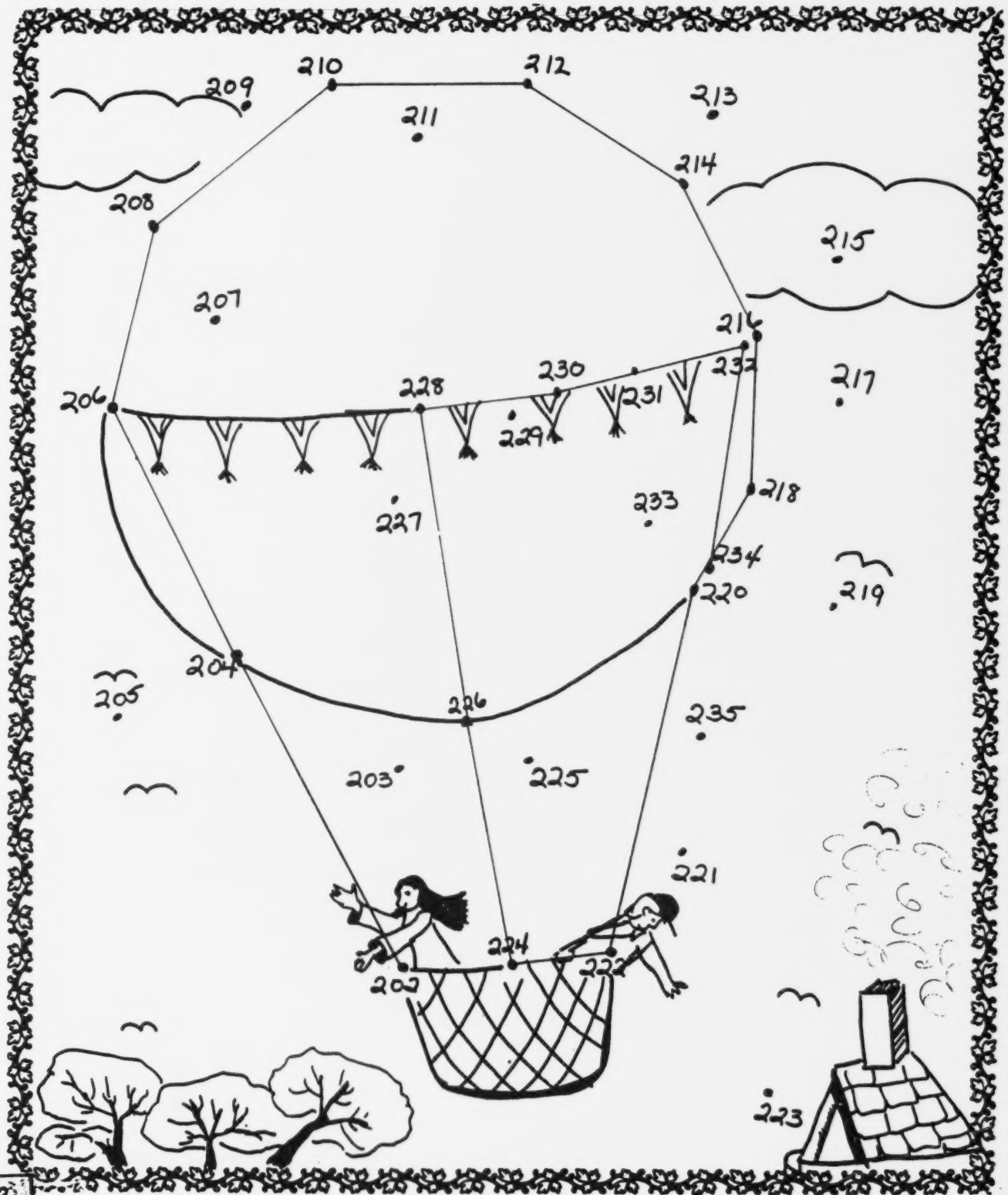
4. Connie gave the lady 5 nickels for an apple. How much money did she give her?

25¢

P.O. 2.01.05.01

NAME:_____ CLASS:_____ DATE:_____

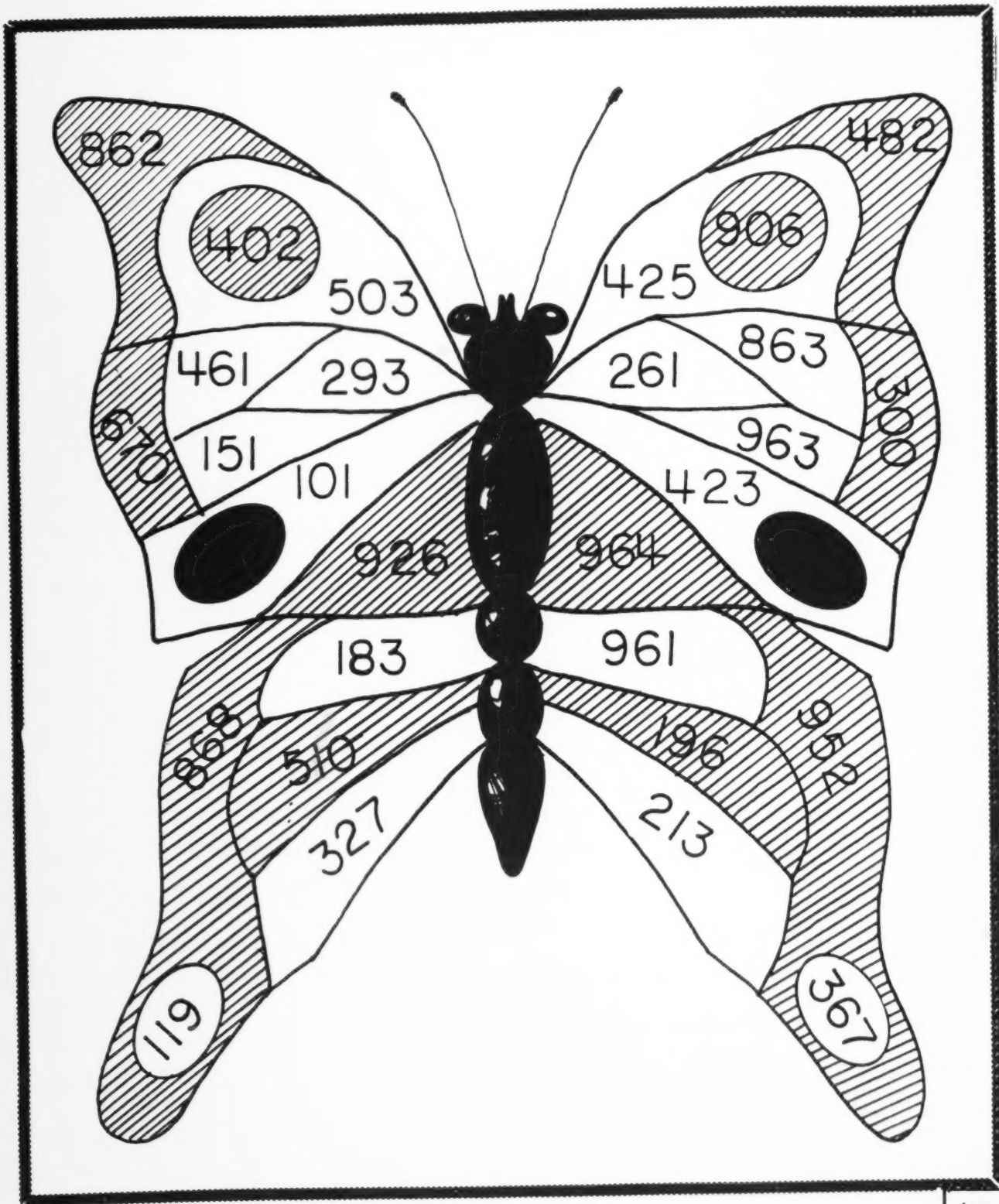
Connect the dots in order using only even numbers. Begin with 202 and end with 234. Color the picture.



P.O. 2.01.05.02

NAME: _____ CLASS: _____ DATE: _____

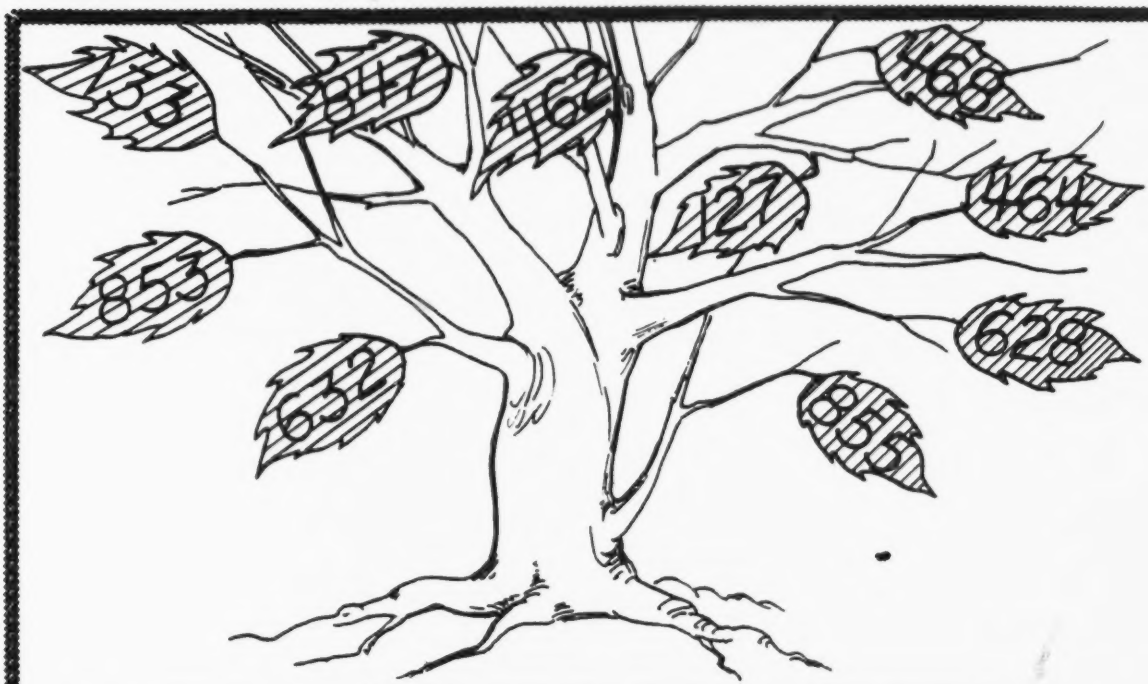
Color all odd numbers with one color.
Color all even numbers with a different color.



P.O. 2.01.05.03

NAME:_____ CLASS:_____ DATE:_____

Complete each number sequence by using the numbers in the tree.
Color each leaf as you use its number.



622 624 626 628 630 632

123 125 127 129 131 133

458 460 462 464 466 468

845 847 849 851 853 855

P.O. 2.01.06.01

NAME:_____ CLASS:_____ DATE:_____

Between which tens is each number found?			Circle the ten closest to the number in the middle in each group of numbers below.		
20	24	30	30	34	40
30	32	40	20	21	30
10	14	20	20	23	30
30	33	40	10	12	20
40	44	50	30	32	40
10	12	20	10	13	20

What is the price to the nearest dime?

20¢

90¢

80¢

40¢

P.O. 2.01.06.02

NAME: _____ CLASS: _____ DATE: _____

Round each number to the nearest ten.

IN	OUT
26	30
37	40
68	70
77	80
88	90

IN	OUT
79	80
58	60
46	50
38	40
59	60

IN	OUT
86	90
46	50
57	60
37	40
89	90

IN	OUT
76	80
69	70
67	70
87	90
29	30

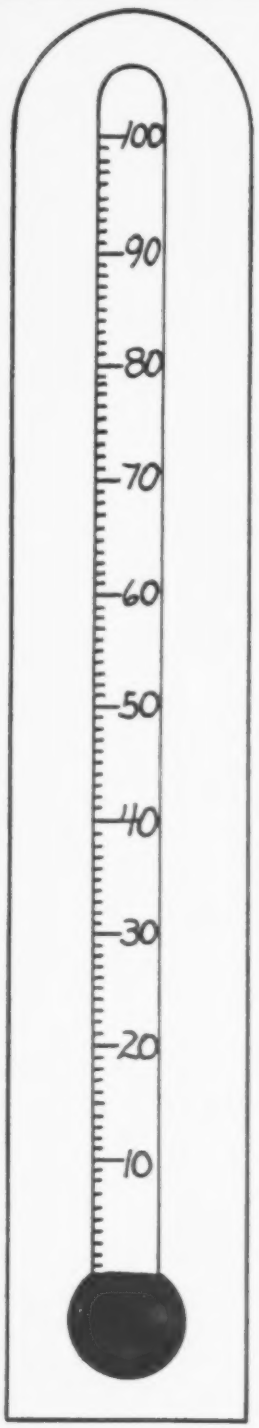
IN	OUT
16	20
47	50
18	20
27	30
59	60

IN	OUT
19	20
28	30
46	50
49	50
86	90

P.O. 2.01.06.03

NAME:_____ CLASS:_____ DATE:_____

Look at the large thermometer to help you round each number (temperature) to the nearest 10 degrees.

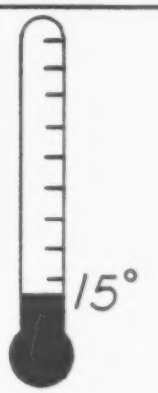


60°

90°

50°

30°



20°

40°

70°

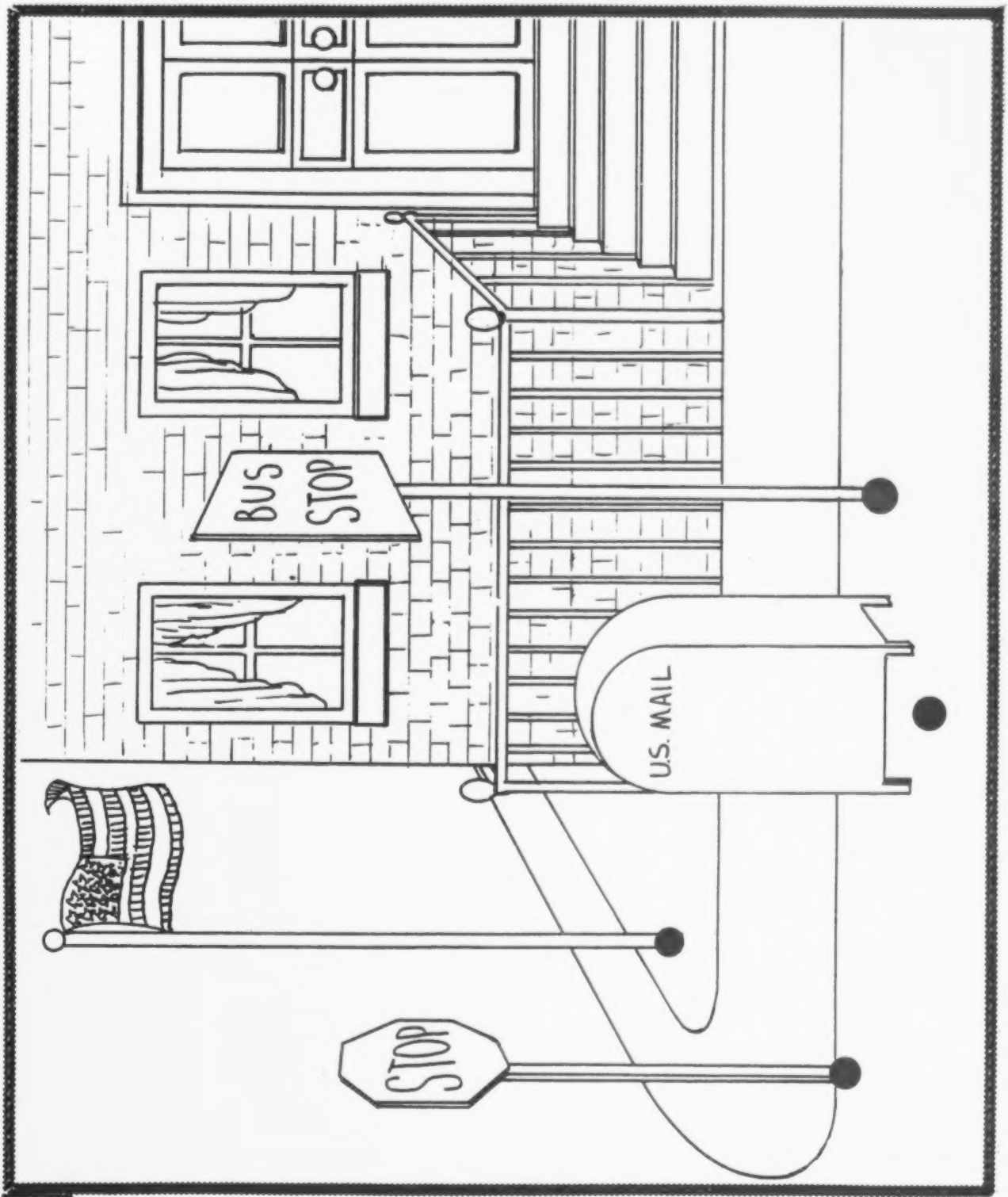
100°

80°

P.O. 2.09.01.01

NAME: _____ CLASS: _____ DATE: _____

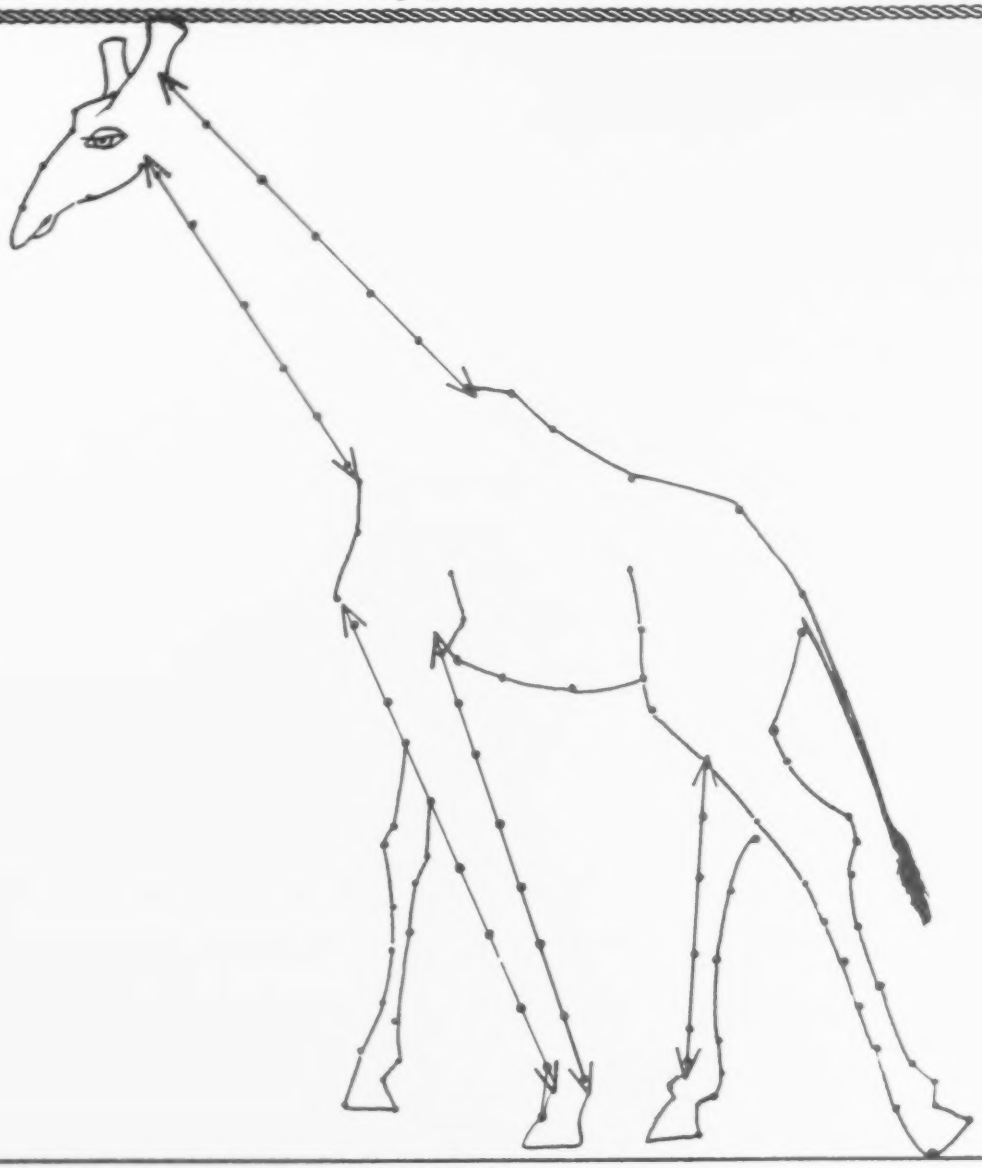
Shade the points where you would find the stop sign, the mailbox, the flagpole and where the bus would stop.



P.O. 2.09.01.02

NAME: _____ CLASS: _____ DATE: _____

Connect the points. Can you find the five straight lines?
(Hint: Use the arrows to help you find the lines.)



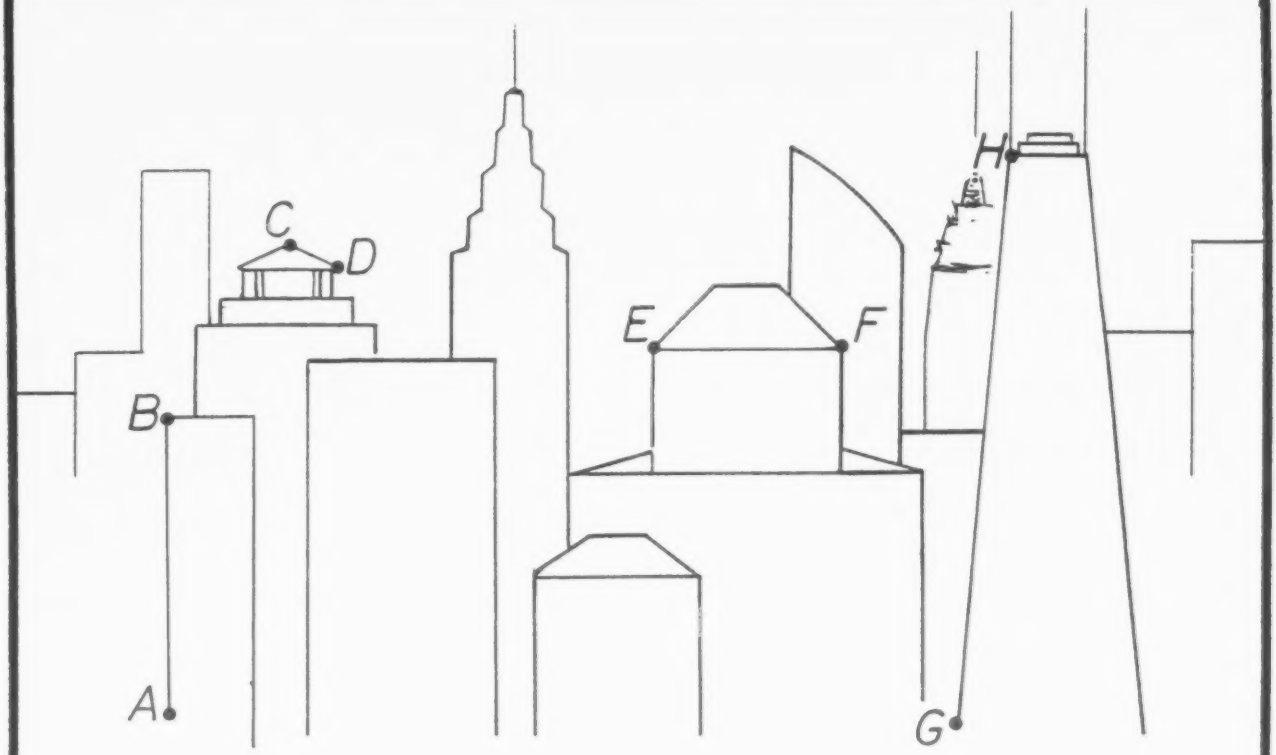
DO YOU REMEMBER?

56 *rounded to the nearest* 10 *is* 60.
83 *rounded to the nearest* 10 *is* 80.
75 *rounded to the nearest* 10 *is* 80.

P.O. 2.09.01.03

NAME:_____ CLASS:_____ DATE:_____

Draw line segments from point A to point B, point C to point D, point E to point F, and point G to point H.



How many line segments did you draw? 4

DO YOU REMEMBER?

What is the value? 25¢

Is it even or odd? odd

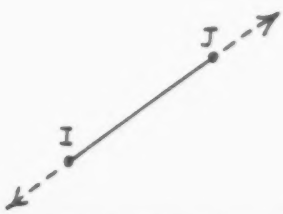
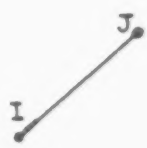
What is the value? 50¢

Is it even or odd? even

P.O. 2.09.01.04

NAME: _____ CLASS: _____ DATE: _____

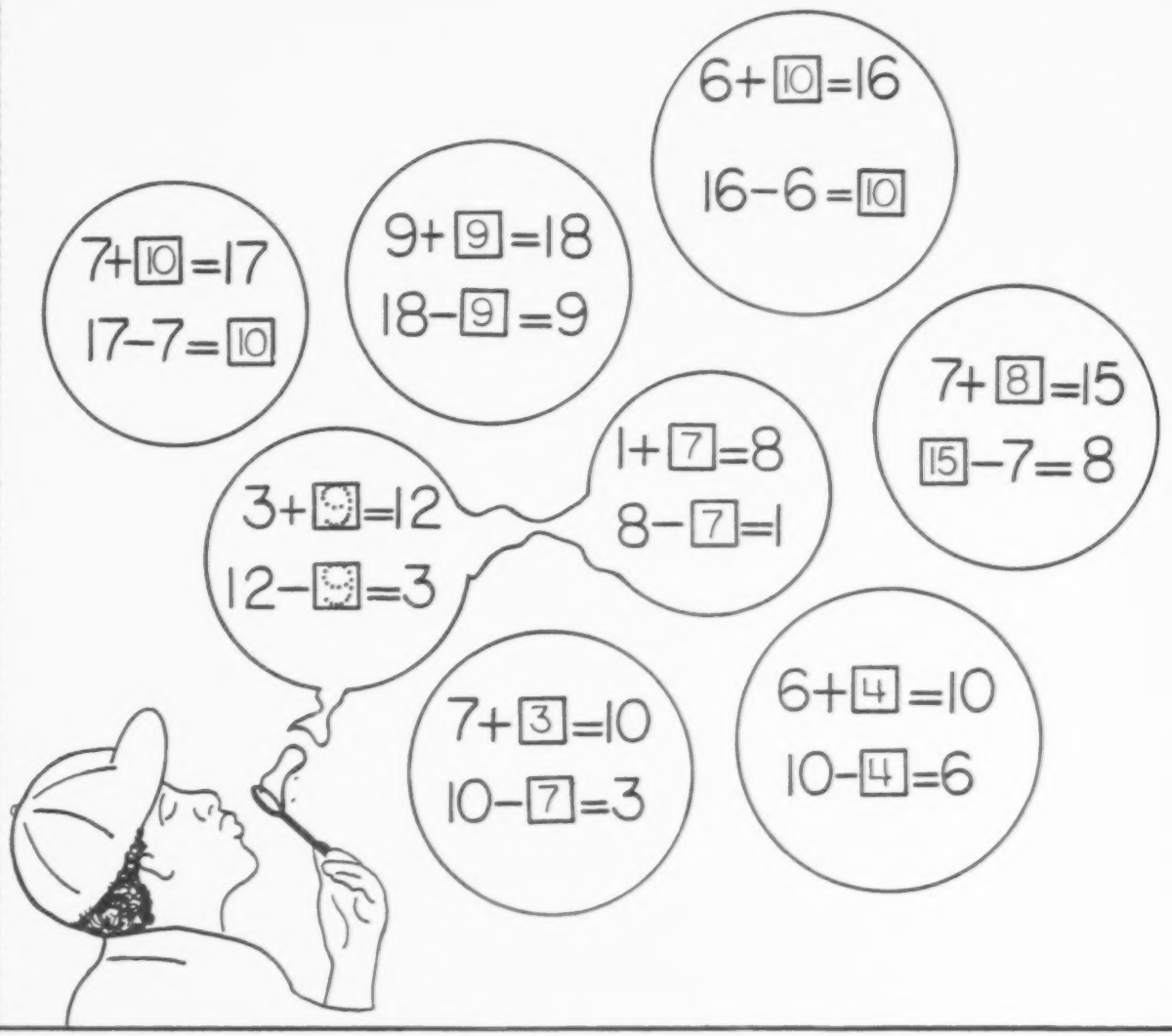
Draw a ray in each empty box.

line	line segment	ray
1.		
2.		
3.		
4.		
5. 		

P.O. 2.11.01.01

NAME: _____ CLASS: _____ DATE: _____

Complete each number sentence by writing the numerals in the boxes.



DO YOU REMEMBER?

Rochelle saved 18¢ on Saturday.
She saved 9¢ on Sunday.
How much more did she save on Saturday? 9¢

P.O. 2.11.01.02

NAME:_____ CLASS:_____ DATE:_____

Complete each function machine.

+7	IN	7	8	9	6
	OUT	14	15	16	13

-8	IN	17	16	14	15
	OUT	9	8	6	7

+9	IN	2	4	6	7
	OUT	11	13	15	16

+10	IN	4	7	5	3
	OUT	14	17	15	13

-2	IN	12	18	16	14
	OUT	10	16	14	12

P.O. 2.11.01.03

NAME: _____ CLASS: _____ DATE: _____

Choose a number for each □ and △ to make a true number sentence.

54

□ = 1, 2, 3, 4, 5

△ = 8, 9, 10, 11, 12

5 + 8 = 13

(Accept other addends.)

□	△
---	12
2	11
3	10
4	9
5	8

□ = 5, 3, 9, 7, 14

△ = 1, 8, 6, 12, 10

7 + 8 = 15

(Accept other addends.)

□	△
5	10
3	12
9	6
7	8
14	1

□ = 3, 4, 5, 9, 10

△ = 2, 6, 7, 1, 8

9 + 2 = 11

(Accept other addends.)

□	△
3	8
4	7
5	6
9	2
10	1

P.O.2 01 07 01

NAME:_____ CLASS:_____ DATE:_____

Fill in the place value charts. Draw a smile on the faces with numerals over 300 and a frown on the other faces.

	Hundreds	Tens	Ones
19		1	9

	Hundreds	Tens	Ones
556	5	5	6

	Hundreds	Tens	Ones
61		6	1

	Hundreds	Tens	Ones
256	2	5	6

	Hundreds	Tens	Ones
380	3	8	0

	Hundreds	Tens	Ones
147	1	4	7

	Hundreds	Tens	Ones
709	7	0	9

	Hundreds	Tens	Ones
438	4	3	8

709

61

380

19

556

256

147

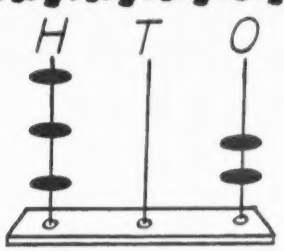
438

79

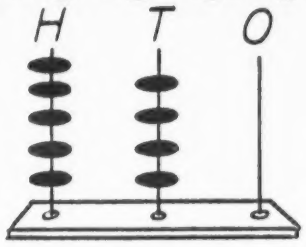
P.O. 2.01.07.02

NAME: _____ CLASS: _____ DATE: _____

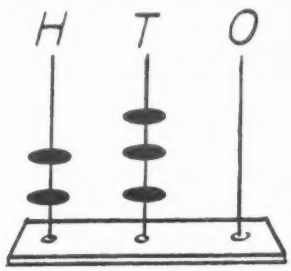
Write the correct number of hundreds, tens and ones.



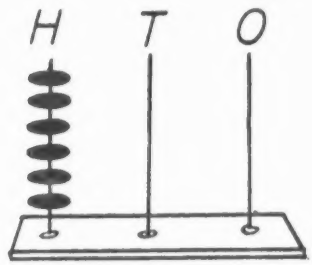
3 0 2



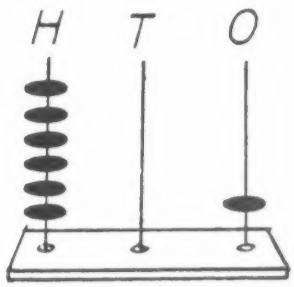
5 4 0



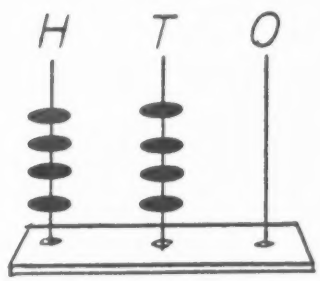
2 3 0



6 0 0



6 0 1



4 4 0

408 = 4 hundreds 0 tens 8 ones

360 = 3 hundreds 6 tens 0 ones

901 = 9 hundreds 0 tens 1 one

500 = 5 hundreds 0 tens 0 ones

P.O. 2.01.07.03

NAME:_____ CLASS:_____ DATE:_____

Write the expanded form for each numeral.

156 = 100 + 50 + 6	238 = 200 + 30 + 8
674 = 600 + 70 + 4	517 = 500 + 10 + 7
74 = ___ + 70 + 4	309 = 300 + ___ + 9
830 = 800 + 30 + ___	421 = 400 + 20 + 1
700 = 700 + ___ + ___	90 = ___ + 90 + ___

257 = 2 hundreds + 5 tens + 7 ones

530 = 5 hundreds + 3 tens + 0 ones

802 = 8 hundreds + 0 tens + 2 ones

195 = 1 hundred + 9 tens + 5 ones

358 = 3 hundreds + 5 tens + 8 ones

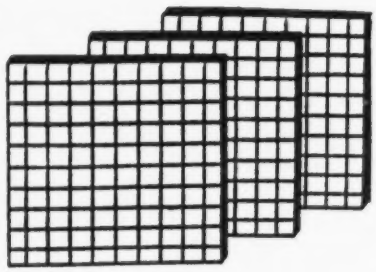
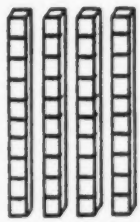
440 = 4 hundreds + 4 tens + 0 ones

716 = 7 hundreds + 1 ten + 6 ones

604 = 6 hundreds + 0 tens + 4 ones

P.O. 2.01.07.04

NAME:_____ CLASS:_____ DATE:_____

3 hundreds + 4 tens + 7 ones

300+40+7 = 347

Write the standard numeral.

200+50+6 =	256	700+20+9 =	729
500+90+1 =	591	100+10+8 =	118
800+30+5 =	835	40+2 =	42
600+3 =	603	300+70 =	370
400+60 =	460	900+80+7=	987

Connect the expanded form to the standard form.

5 hundreds + 3 tens + 2 ones	163
7 hundreds + 8 tens + 9 ones	613
1 hundred + 6 tens + 3 ones	532
3 hundreds + 2 tens + 5 ones	325
6 hundreds + 1 ten + 3 ones	789

P.O. 2.10.03.01

NAME: _____ CLASS: _____ DATE: _____

Circle the correct answer.

1. What is this?

(a dollar bill)

a quarter

a dime

2. How many pennies are equal to a dollar bill?

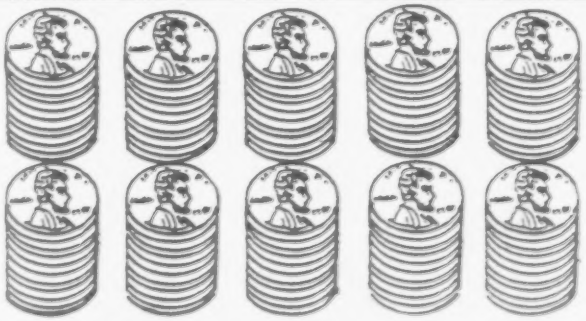
(100 pennies)

50 pennies

20 pennies

3. Which group equals one dollar?

(A.)



B.

C.

P.O. 2.10.03.02

NAME: _____ CLASS: _____ DATE: _____

Fill in the blanks.

60

Hint: There are 10 pennies in each pile.

= ___
= ___

1 dollar = 100 ¢

= ___
= ___

1 dollar = 20 nickels = 100¢

= ___
= ___

1 dollar = 10 dimes = 100 ¢

= ___
= ___

1 dollar = 4 quarters = 100 ¢

= ___
= ___

1 dollar = 2 half-dollars = 100 ¢

- 196 -

84

85

P.O. 2.10.03.03

NAME: _____ CLASS: _____ DATE: _____

Write the value of each item below using a dollar sign ($) and a decimal point (.).

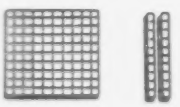
dollars	dimes	pennies
1	0	0

= $1.00

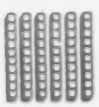
100¢ = $1.00

= $2.00

DO YOU REMEMBER?



hundreds	tens	ones	numeral
1	2	4	= 124



	6	2	= 62

P.O. 2.10.03.04

NAME: _____ CLASS: _____ DATE: _____

Follow the directions in each part.

A. Match each word value to its number value.

One dollar and sixty-five cents	$1.15
One dollar and fifteen cents	$1.16
One dollar and thirty-two cents	$1.65
One dollar and sixteen cents	$1.32
One dollar and fifty-two cents	$1.52

B. Write the number value for each word value.

One dollar and sixty-three cents	$1.63
One dollar and thirty-nine cents	$1.39
One dollar and fifty cents	$1.50
One dollar and twenty-five cents	$1.25
One dollar and ten cents	$1.10

P.O. 2.01.08.01

NAME: _____ CLASS: _____ DATE: _____

Read each sentence below. Write the word which best completes each sentence.

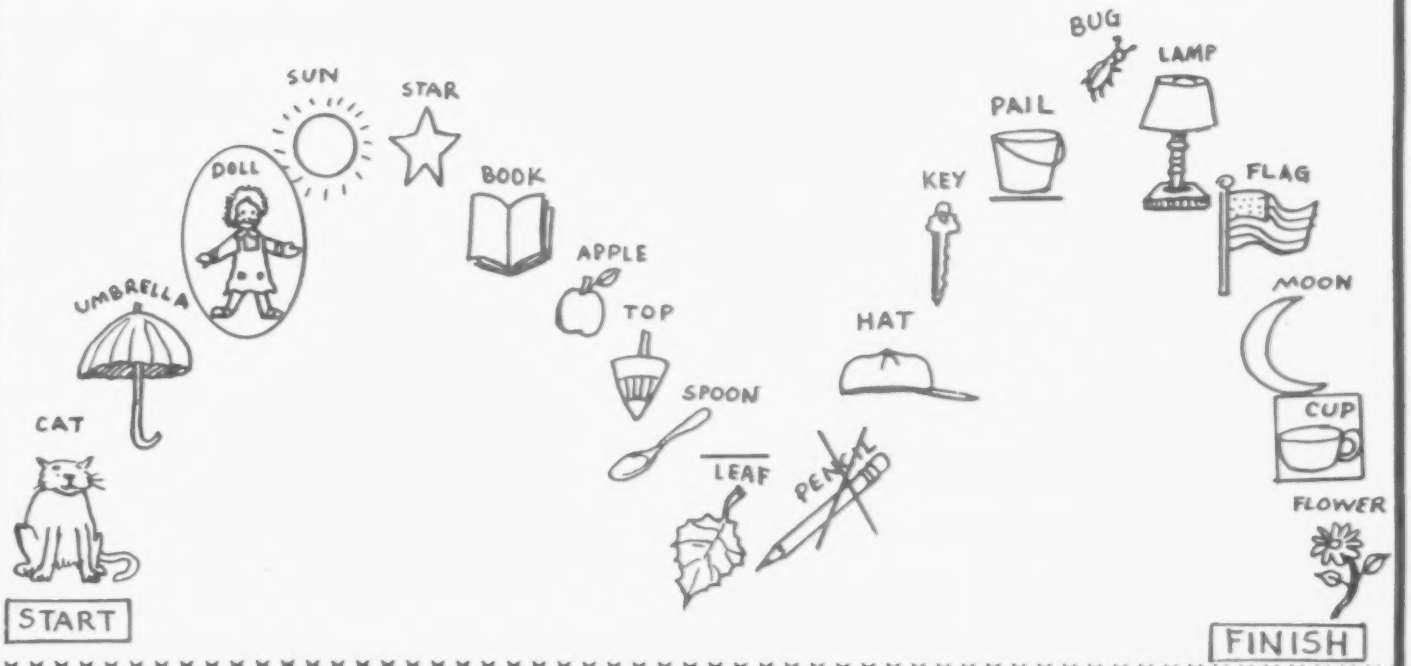
Draw a circle around the third object. It is a doll .

Draw a line over the tenth object. It is a leaf .

Place an X on the eleventh object. It is a pencil.

Draw a line under the fourteenth object. It is a pail .

Draw a square around the nineteenth object. It is a cup .

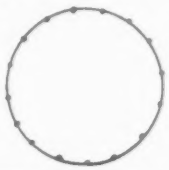


P.O. 2.09.02.01

NAME: _____ CLASS: _____ DATE: _____

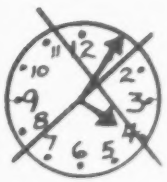
Follow the directions in each section.

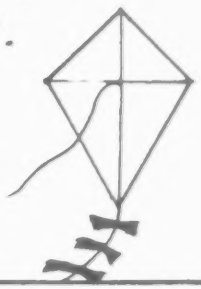
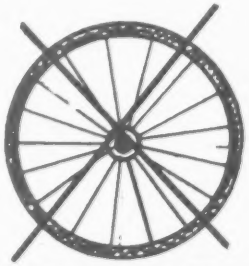
Connect the dots to make a shape and write its name.



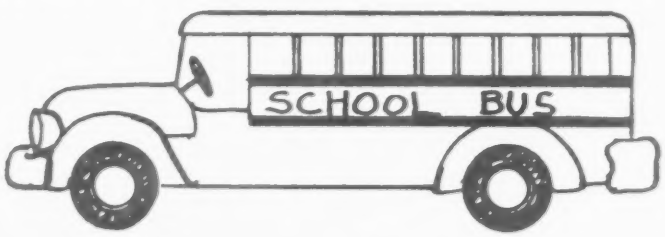
circle

Put an X on each object that has the shape of a circle.



Look at the bus. Put an X on the word which names the shape of its wheels.



~~circle~~ square triangle rectangle

DO YOU REMEMBER?

$7 + \boxed{9} = 16$ $\quad 9 - \boxed{5} = 4$

$\boxed{12} - 8 = 4$ $\quad 5 + 6 = \boxed{11}$

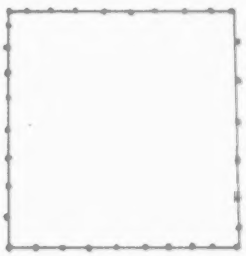
$3 + 6 = \boxed{9}$ $\quad \boxed{15} - 9 = 6$

P.O. 2.09.02.02

NAME:_____ CLASS:_____ DATE:_____

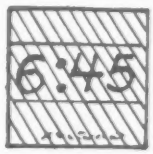
Follow the directions given in each part.

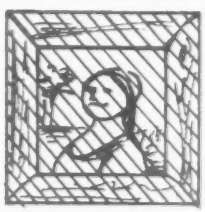
Connect the dots to make a shape and write its name.



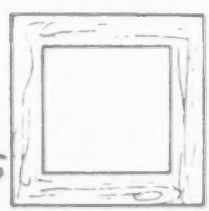
square

Color the objects that have the shape of a square.





Look at the picture frame. Place an X before the words that tell about the frame.



____ two long sides, two short sides

____ three sides, one long, two short

_X_ four equal sides

P.O. 2.09.02.03

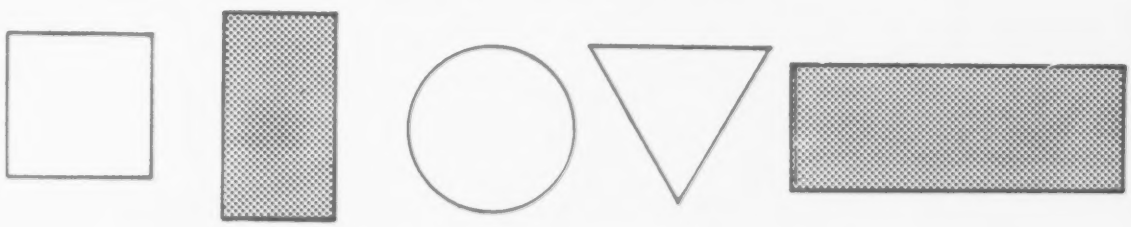
NAME:_____ CLASS:_____ DATE:_____

Follow the directions given in each part.

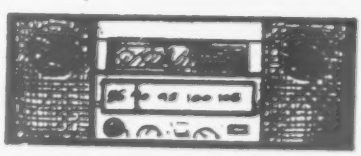
Connect the dots to make two more rectangles, each a different size.

Answers will vary.

Color the rectangles green.



Look at the radio. Its shape is a rectangle.



It has 4 sides.

It has 4 corners.

It has 2 long sides.

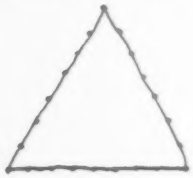
It has 2 short sides.

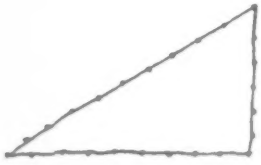
P.O. 2.09.02.04

NAME:_____ CLASS:_____ DATE:_____

Follow the directions given in each part.

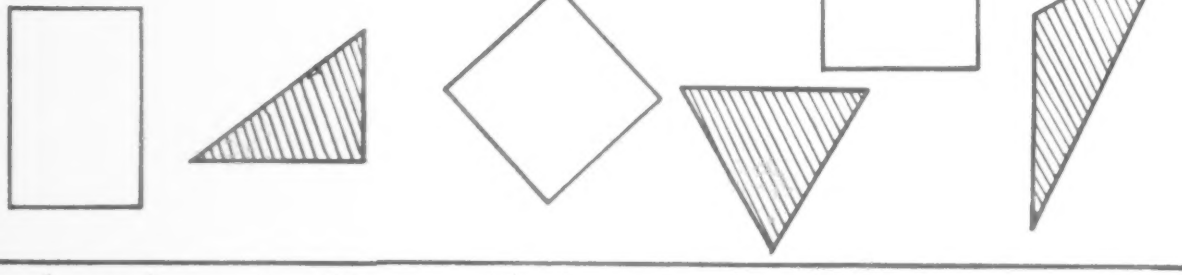
Connect the dots to make a shape and write its name.





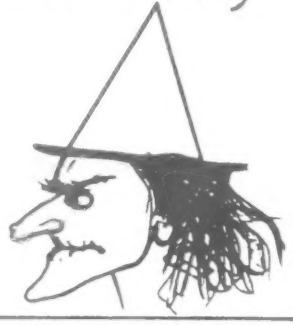
triangle

Color the triangles.



Look at the witch's hat. Place an X on the number which tells how many corners it has.

1 2 X 4



DO YOU REMEMBER?

Complete the table to show the temperatures for the next five school days.

Answers will vary.

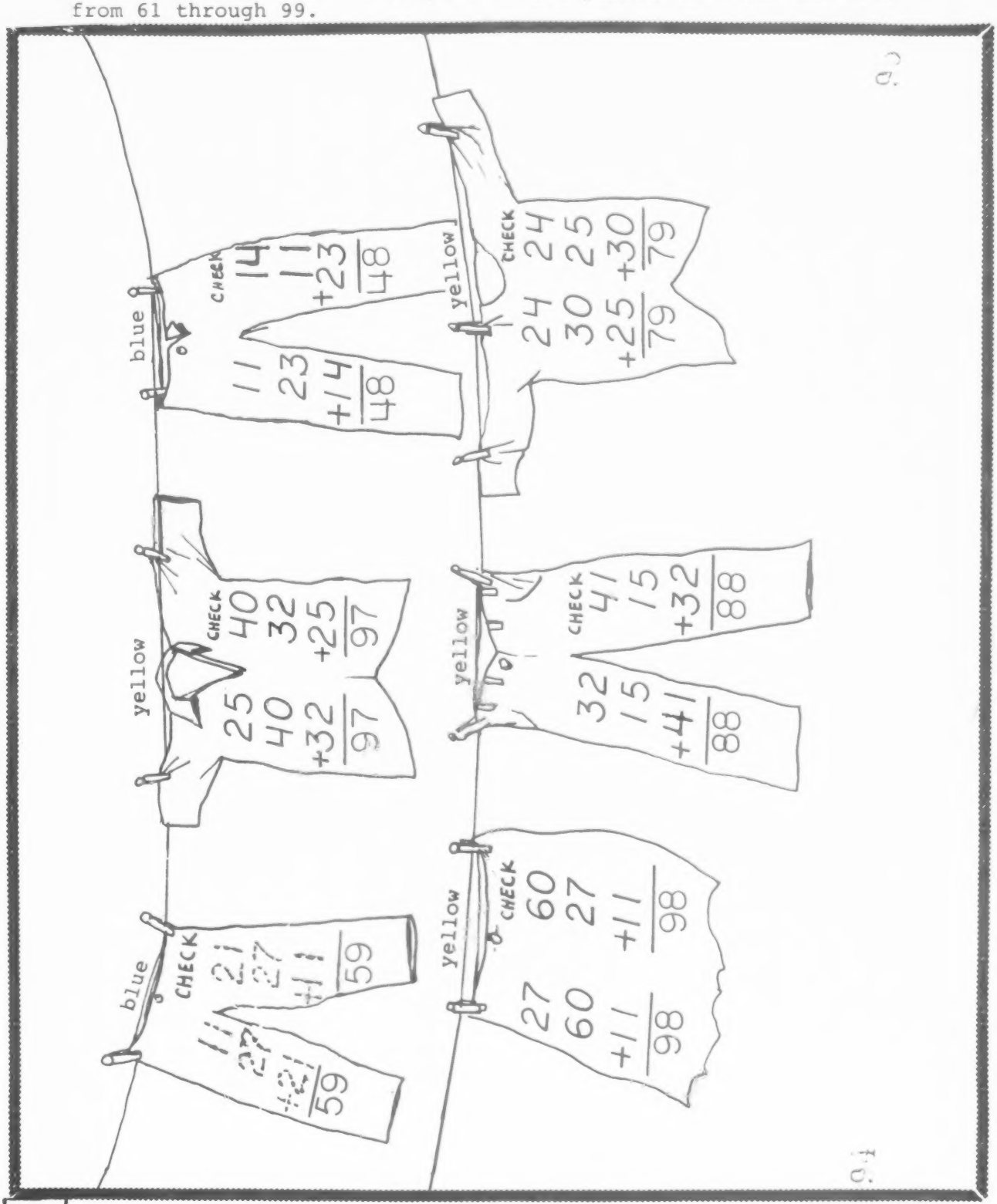
Table of Temperatures

School Day					
Temperature					

P.O. 2.02.01.01

NAME:_____ CLASS:_____ DATE:_____

Find the sums. Color the clothes on the clothesline. Use blue to color the sums from 0 through 60. Use yellow to color the sums from 61 through 99.



P.O. 2.02.01.02

NAME:_____ CLASS:_____ DATE:_____

Solve each example. Use these answers to complete the cross number puzzle. Check your answers on a separate paper.

ACROSS

② 531 + 43 = 574

③ 302 + 24 = 326

⑤ 831 + 32 = 863

⑥ 512 + 45 = 557

⑧ 950 + 22 = 972

DOWN

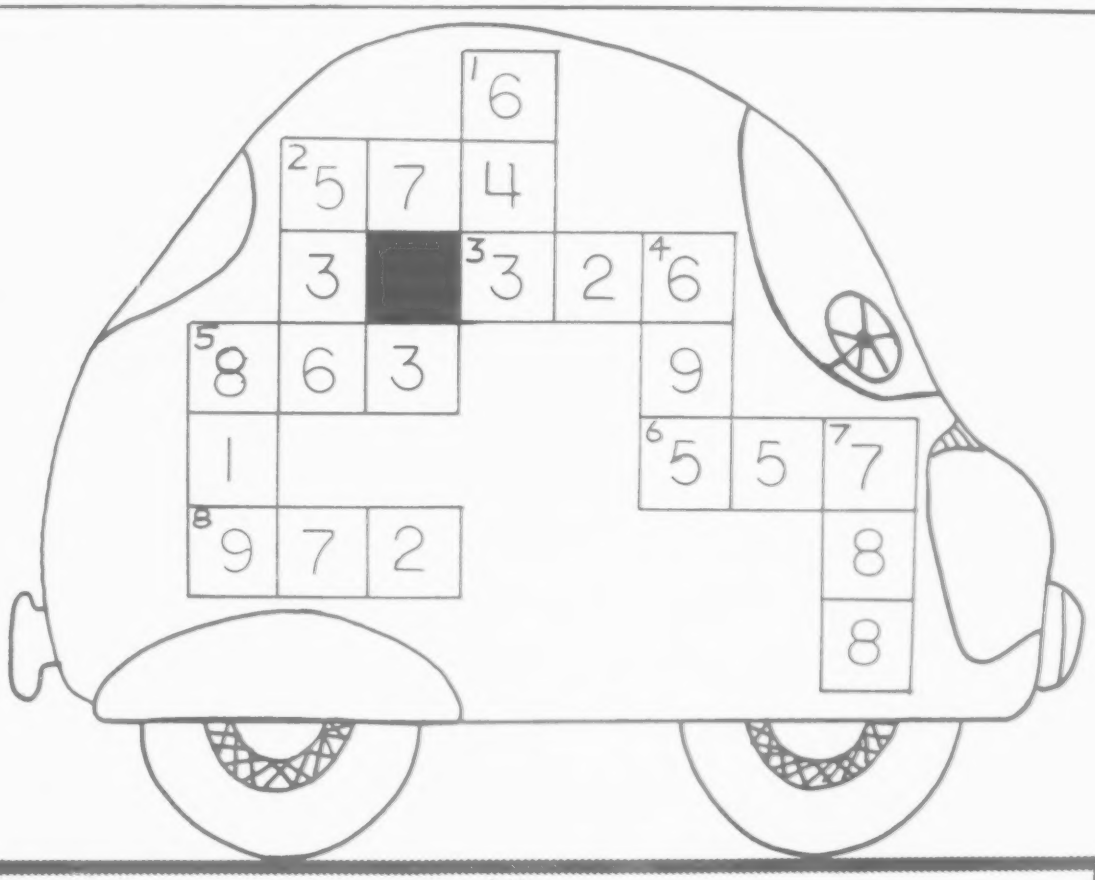
① 621 + 22 = 643

② 524 + 12 = 536

④ 641 + 54 = 695

⑤ 808 + 11 = 819

⑦ 747 + 41 = 788



P.O. 2.02.01.03

NAME: _____ CLASS: _____ DATE: _____

Write the price next to each picture. Add and check.
Remember to place the $ and . in the correct spots.

FINK'S TOY STORE

$4.51

$2.14

$.25

$.32

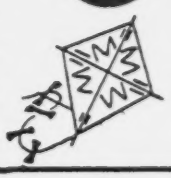
$.62

$4.51 + .32 = $4.83

CHECK $.32 + 4.51 = $4.83

$2.14 + .25 = $2.39

CHECK $.25 + 2.14 = $2.39



$2.14 + .62 = $2.76

CHECK $.62 + 2.14 = $2.76

$4.51 + .25 = $4.76

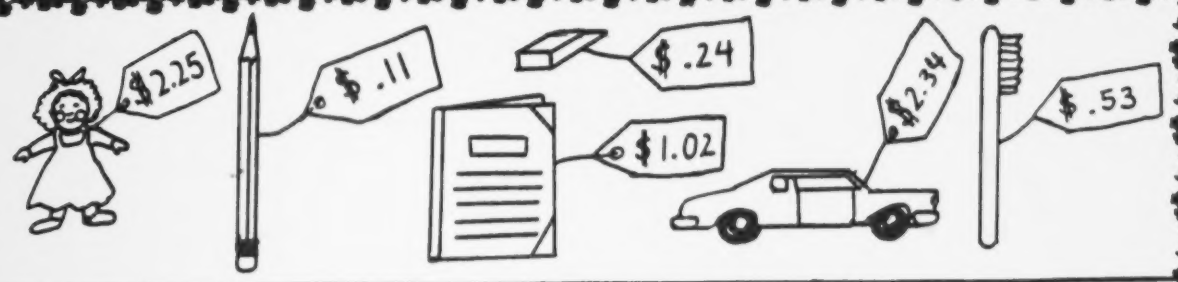
CHECK $.25 + 4.51 = $4.76

70

P.O. 2.02.01.04

NAME:_____ CLASS:_____ DATE:_____

Solve each problem and check.



1. Jon bought a car and a pencil. How much money did he spend?

ADD	CHECK
$2.34	$ .11
+ .11	+2.34
$2.45	$2.45

2. Susan wants a doll and an eraser. How much money will she need?

ADD	CHECK
$2.25	$ .24
+ .24	+2.25
$2.49	$2.49

3. Carol bought the toothbrush and Jane bought the notebook. How much did they spend?

ADD	CHECK
$ .53	$1.02
+1.02	+ .53
$1.55	$1.55

4. Amy's sister bought her the doll and the pencil. How much did she spend for Amy's birthday?

ADD	CHECK
$2.25	$ .11
+ .11	+2.25
$2.36	$2.36

DO YOU REMEMBER?

55	76	59	64	88
-13	-44	-25	-41	-57
42	32	34	23	31

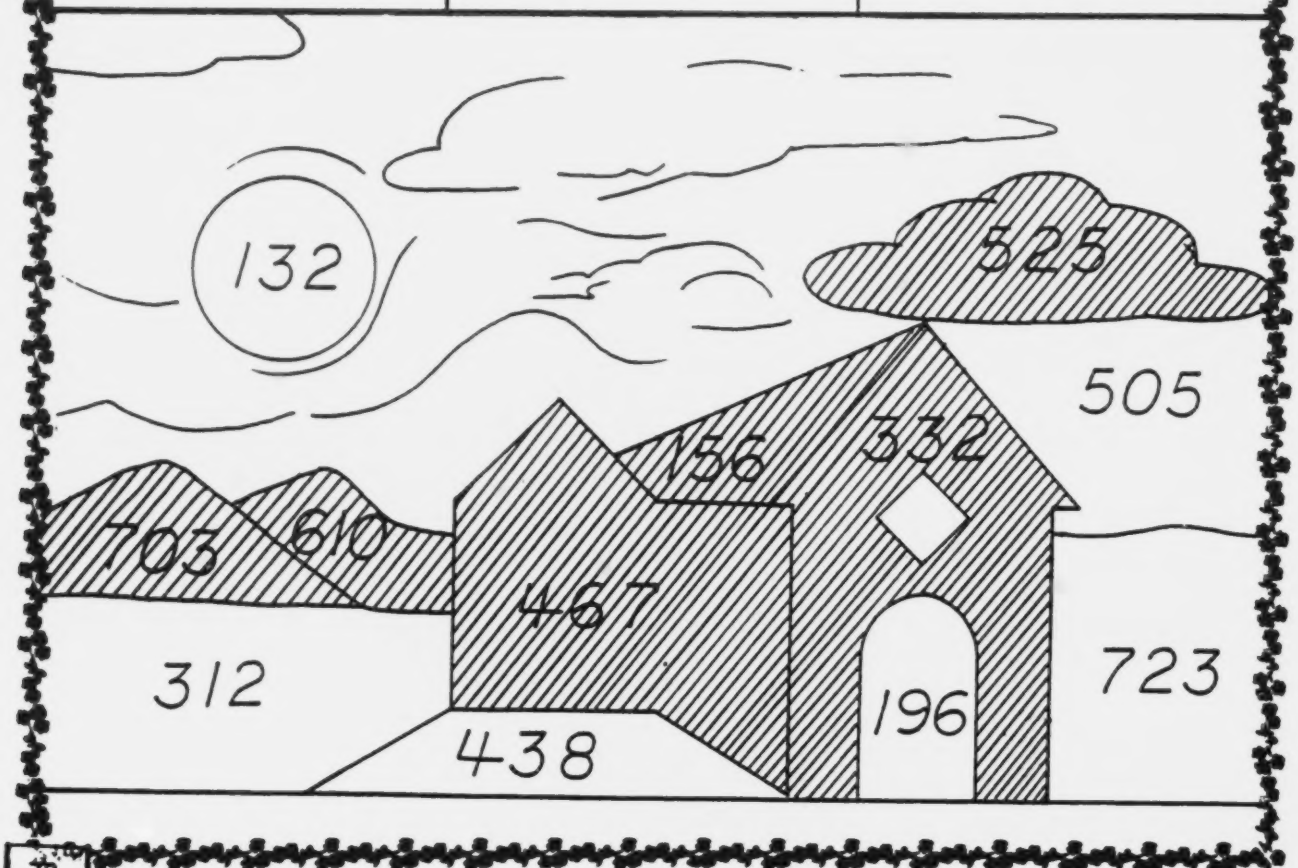
P.O. 2.03.01.01

NAME: _____ CLASS: _____ DATE: _____

Subtract and check your work. Color in each shape which has an answer to an example.

1.)	CHECK	2.)	CHECK	3.)	CHECK
394	332	715	703	488	467
−62	+62	−12	+12	−21	+21
332	394	703	715	467	488

4.)	CHECK	5.)	CHECK	6.)	CHECK
642	610	555	525	179	156
−32	+32	−30	+30	−23	+23
610	642	525	555	156	179



P.O. 2.03.01.02

NAME: _____ CLASS: _____ DATE: _____

Help the students buy toys. Solve each example and check.
Draw a ring around the student who has the most money left.

KAY HAS $1.96

SUBTRACT

$1.96
-.85
$1.11

CHECK

$1.11
+.85
$1.96

BOB HAS $1.85

SUBTRACT

$1.85
- .73
$1.12

CHECK

$1.12
+ .73
$1.85

SUE HAS $1.78

SUBTRACT

$1.78
- .61
$1.17

CHECK

$1.17
+ .61
$1.78

JON HAS $1.66

SUBTRACT

$1.66
- .54
$1.12

CHECK

$1.12
+ .54
$1.66

DO YOU REMEMBER?

School Tour

Answers will vary.

1. What is the number of your classroom? _____
2. How many classrooms are on the same floor as your classroom? _____
3. In your school, how many steps make one flight? _____

P.O. 2.03.01.03

NAME: _____ CLASS: _____ DATE: _____

Solve each problem.

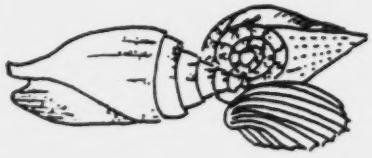
1. Edward has 137 marbles
Lisa has 24 marbles.
How many more marbles does
Edward have than Lisa?

SOLVE

$$\begin{array}{r} 137 \\ -\ 24 \\ \hline 113 \end{array}$$ marbles

CHECK

$$\begin{array}{r} 113 \\ +\ 24 \\ \hline 137 \end{array}$$



2. Anna collected 268 large and small sea shells.
Sixty-five seashells were large.
How many were small?

SOLVE

CHECK

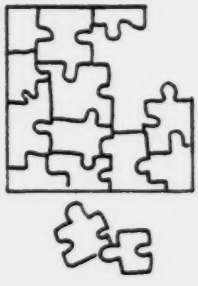
203 sea shells were small.

3. Ricardo earned $3.75 doing chores.
He bought a sticker for $.61.
How much money does Ricardo have left?

SOLVE

CHECK

Ricardo has $3.14 left.



4. Tina needs $2.89 to buy a puzzle.
She has saved $.75.
How much more money does she need?

SOLVE

CHECK

She needs $2.14.

P.O. 2.02.02.01

NAME:_____ CLASS:_____ DATE:_____

Add. Write the sums in the rocket to complete the cross number puzzle. Check your answers on a separate paper.

ACROSS

1. 213 + 475 = 688

2. 543 + 251 = 794

4. 167 + 431 = 598

5. 424 + 572 = 996

6. 515 + 173 = 688

DOWN

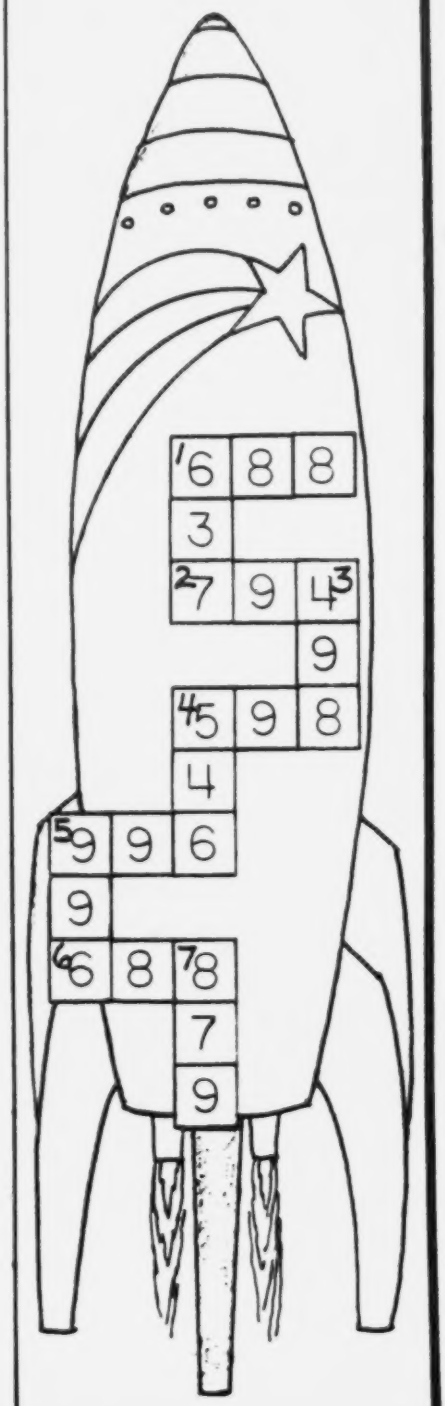
1. 324 + 313 = 637

3. 136 + 362 = 498

4. 235 + 311 = 546

5. 632 + 364 = 996

7. 627 + 252 = 879



P.O. 2.02.02.02

NAME: _____ CLASS; _____ DATE: _____

Add. Use the code to find the secret message.
Check your answers on a separate paper.

A=777 C=676 F=886 M=587
B=938 E=987 H=999 N=959
T=396 U=799

M	A	T	H
241	432	164	405
132	114	131	324
+214	+231	+101	+270
587	777	396	999

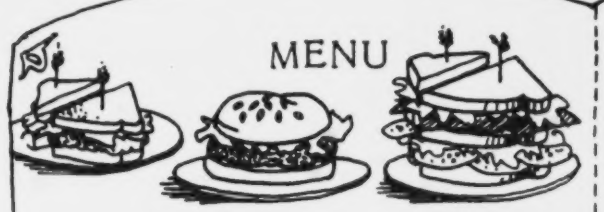
C	A	N	B	E
251	414	724	211	316
104	232	113	412	421
+321	+131	+122	+315	+250
676	777	959	938	987

F	U	N
213	108	524
342	230	124
+331	+461	+311
886	799	959

P.O. 2.02.02.03

NAME: _____ CLASS: _____ DATE: _____

Read the menu to find each price. Write the price next to each item and then add. Check your answers on a separate paper.



MENU

Hamburger.....$1.25

Cheeseburger.....$1.55

Turkey Sandwich....$3.15

Tunafish Sandwich..$2.05

DRINKS

Milk Shake $1.20

Ice Cream Soda.....$1.40

Orange Slush.....$1.10

Hamburger $1.25 Milk Shake + 1.20 Total $2.45	Cheeseburger $1.55 Milk Shake + 1.20 Total $2.75
Tunafish Sandwich $2.05 Ice Cream Soda + 1.40 Total $3.45	Turkey Sandwich $3.15 Ice Cream Soda + 1.40 Total $4.55
Turkey Sandwich $3.15 Orange Slush + 1.10 Total $4.25	Hamburger $1.25 Orange Slush + 1.10 Total $2.35

P.O. 2.02.02.04

NAME: _____ CLASS: _____ DATE: _____

Read, solve, and check each problem.

1. Mrs. Stern sold 431 flowers in March and 560 in April. How many flowers were sold altogether?

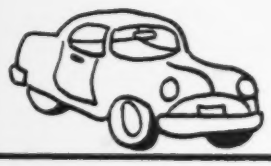
ADD: 431 + 560 CHECK: 560 + 431

991 flowers were sold.

2. Craig bought a game for $5.20 and a puzzle for $1.35. How much did he spend in all?

ADD: CHECK:

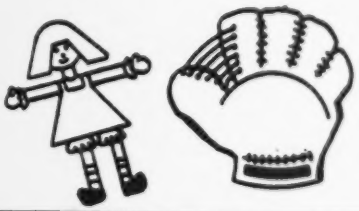
He spent $6.55 in all.



3. Mr. Colon drove 341 miles one day and 425 miles the next day. How many miles did he drive in the two days?

ADD: CHECK:

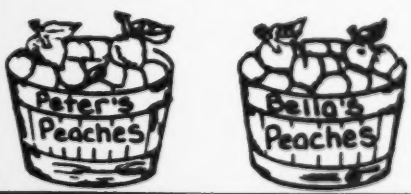
He drove 766 miles.



4. A doll costs $4.25 and a baseball glove costs $4.50. How much do they cost altogether?

ADD: CHECK:

Together they cost $8.75.



5. Peter picked 135 peaches. Bella picked 144 peaches. How many peaches did they pick in all?

ADD: CHECK:

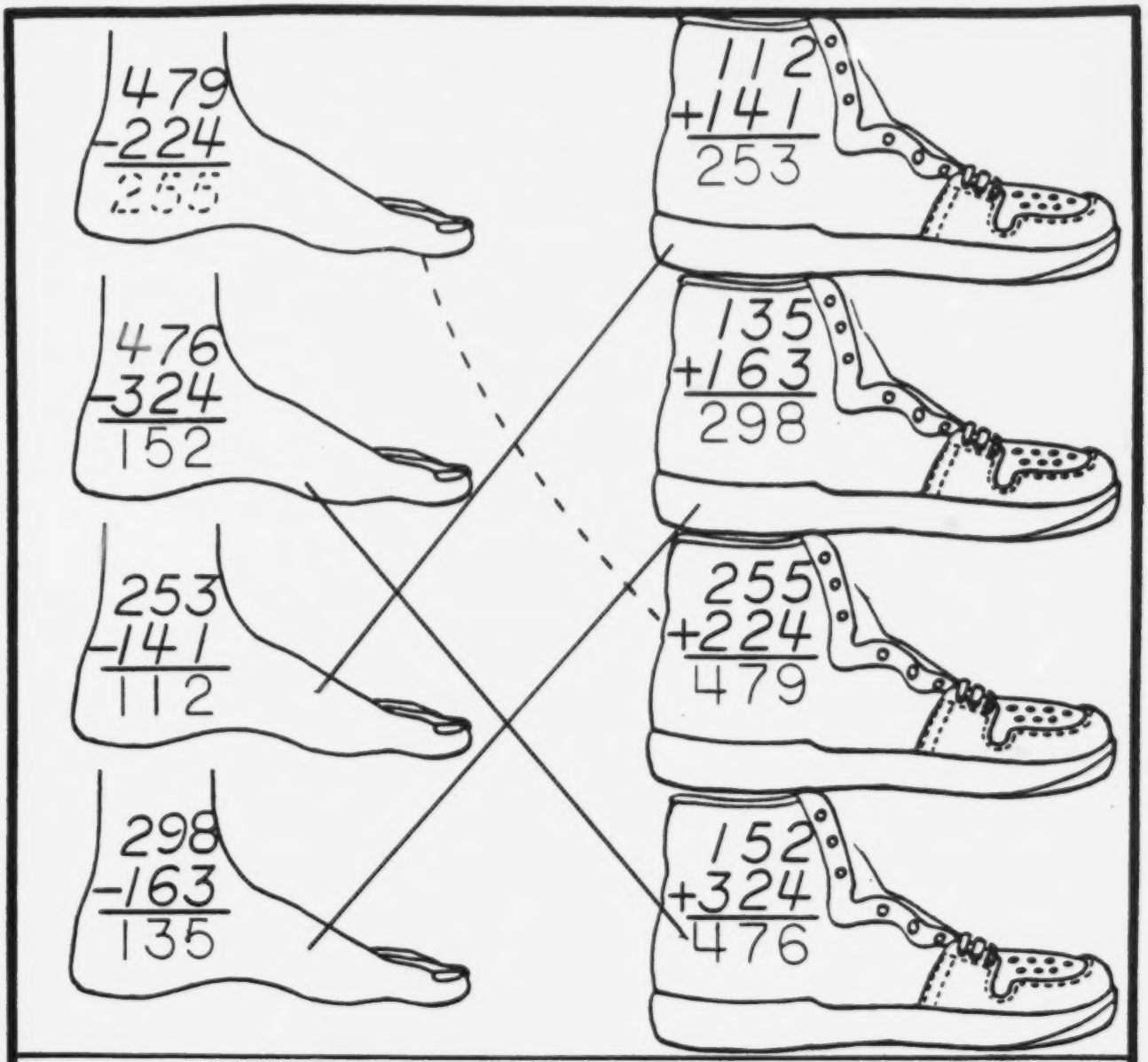
They picked 279 peaches.

78

P.O. 2.03.02.01

NAME: _____ CLASS: _____ DATE: _____

Subtract. Match each foot to the boot that checks your answer.



DO YOU REMEMBER?

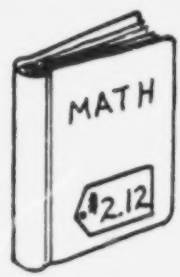
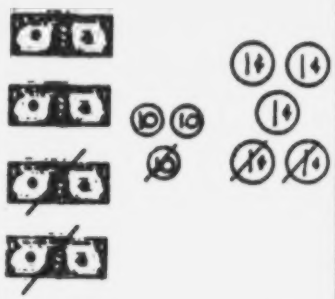
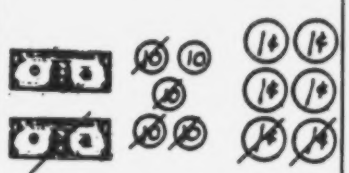
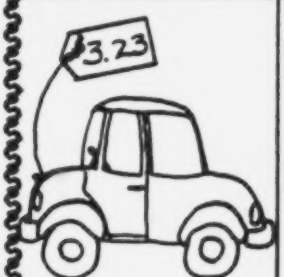
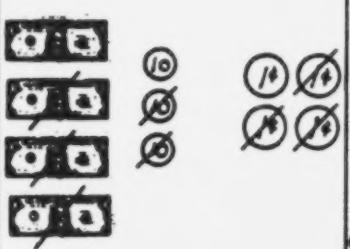
Karen is walking to Pat's house which is number 32. All the house numbers are even. She is now at house number 24. How many houses must she pass to arrive at Pat's house?

She must pass three houses, 26, 28 and 30.

P.O. 2.03.02.02

NAME: _____ CLASS: _____ DATE: _____

How much money is left? Subtract and check your work.

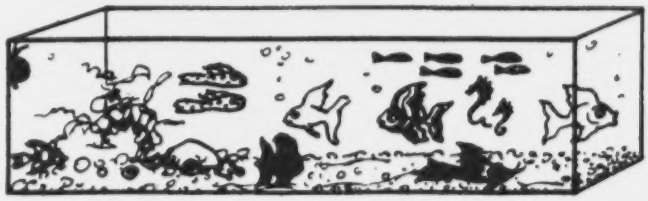
cost of item	you have	How much is left? check
		$3.64 −1.23 $2.41 $2.41 +1.23 $3.64
		$4.35 −2.12 $2.23 $2.23 +2.12 $4.35
		$2.56 −1.42 $1.14 $1.14 +1.42 $2.56
		$4.34 −3.23 $1.11 $1.11 +3.23 $4.34

80

P.O. 2.03.02.03

NAME: _____ CLASS: _____ DATE: _____

Solve each problem and check.



1. On Monday, Mr. Brown had 325 angel fish. By Wednesday he sold 113 angel fish. How many angel fish did he have left?

212

CHECK

325 − 113 + 113 = 325

2. The regular price for a guppy is $2.89. The sale price is $1.75. How much money can you save if you buy the guppy on sale?

$1.14

3. An angel fish costs $2.45. A goldfish costs $1.33. How much more does an angel fish cost than a goldfish?

$1.12

4. Mr. Brown ordered 734 snails. Only 313 were sent. How many were not sent?

421

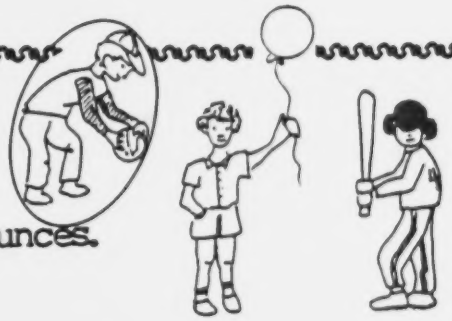
P.O. 2.13.02.01

NAME: _____ CLASS: _____ DATE: _____

Circle the correct picture.

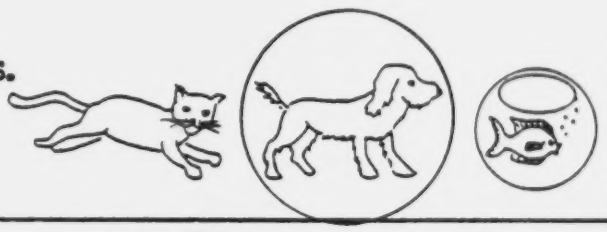
1. Who am I?

Clues: I am wearing a hat.
I am holding something.
I am holding something that bounces.



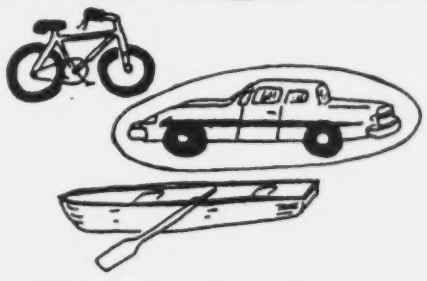
2. Which animal is it?

Clues: The animal is soft.
The animal has 4 legs.
The animal barks.



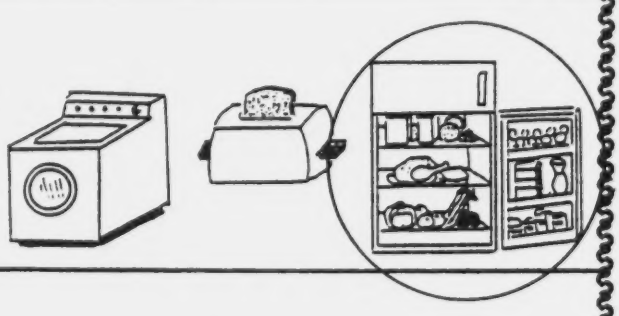
3. What am I?

Clues: I have wheels.
I have a seat.
I have an engine.



4. What am I?

Clues: I work by electricity.
I have a door.
I keep things cold.



DO YOU REMEMBER?

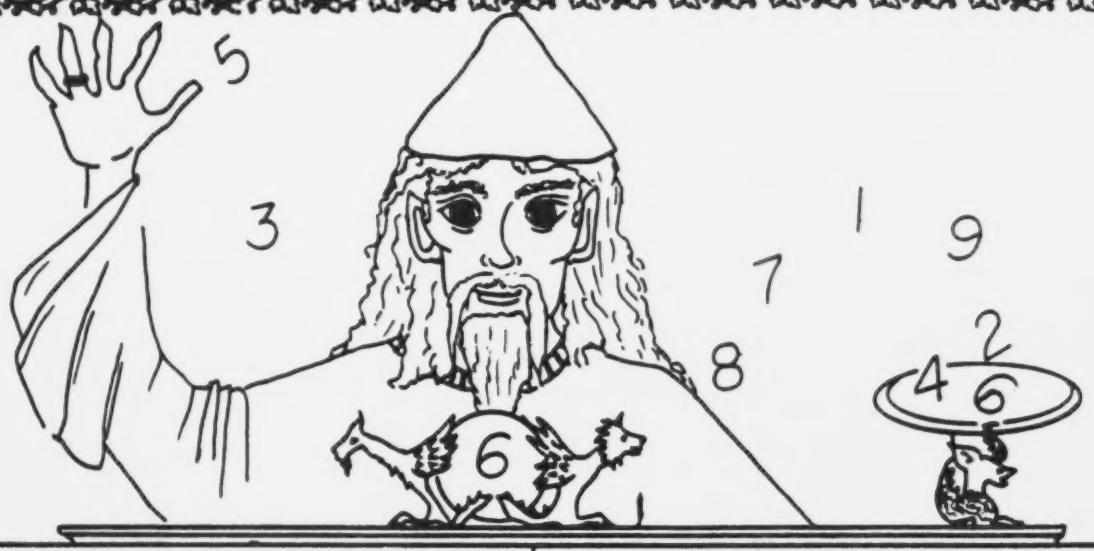
Which number makes every example true?

2[6]	5[6]	3[6]	1[6]
+43	+13	+[6]2	+50
[6]9	[6]9	98	[6]6

P.O. 2.13.02.02

NAME:_____ CLASS:_____ DATE:_____

Read the clues. Circle the number that answers all the clues.



A. Guess My Number.

It is a number between 1 and 10.
It is an even number.

(3, 9, (4), 12)

B. Guess My Number.

It is between 50 and 100.
It is an odd number.
It is less than 75.

(13, 64, 87, (61), 7)

C. Guess My Number.

It is > 10.
It is < 40.
It is not 20.

(10, 20, (30), 40)

D. Guess My Number.

It is a two-digit number.
It is > 20.
It is not even.

(26, 9, (91), 16)

P.O. 2.13.03.01

NAME: _____ CLASS: _____ DATE: _____

Read the chart to help you answer all the questions.

FAVORITE FLAVORS

Flavor	Boys	Girls
Chocolate	15	2
Vanilla	4	13
Strawberry	1	1

1. How many boys like chocolate? 15

2. How many boys voted? 20

3. How many girls voted? 16

4. How many boys and girls voted? 36

5. How many more girls than boys like vanilla? 9

6. Which flavors have the same total number of votes?

Chocolate _____ Vanilla

DO YOU REMEMBER?

WRITE > OR <.

645 < 654 716 > 607

327 > 273 405 < 450

431 > 430 390 < 401

P.O. 2.13.03.02

NAME: _____ CLASS: _____ DATE: _____

Write four questions about this picture.

1. Questions will vary.

2.

3.

4.

P.O. 2.13.03.03

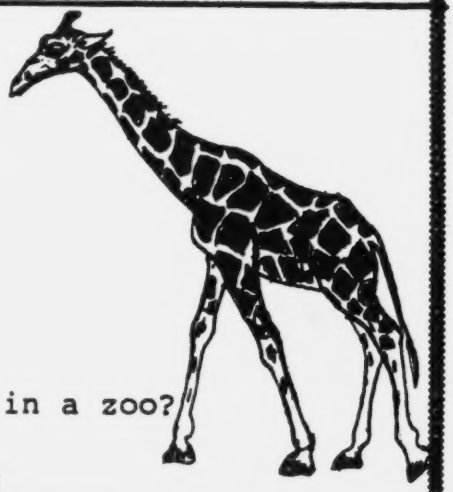
NAME: _____ CLASS: _____ DATE: _____

Answer the questions in each part.

1985			NOVEMBER			1985
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

1. On which day of the week did October end? Thursday

2. On which day of the week will December begin? Sunday



1. Which animal probably eats the most?

lion

2. Which animals would you probably find in a zoo?

lion giraffe

3. Which animal is probably the friendliest?

dog

4. Which animal would you probably find as a pet?

dog

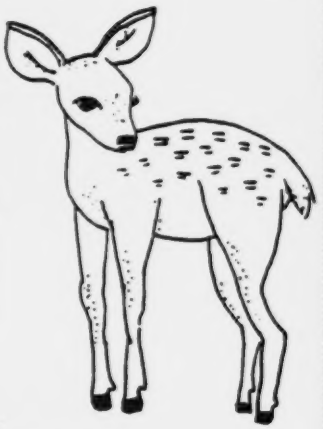
86

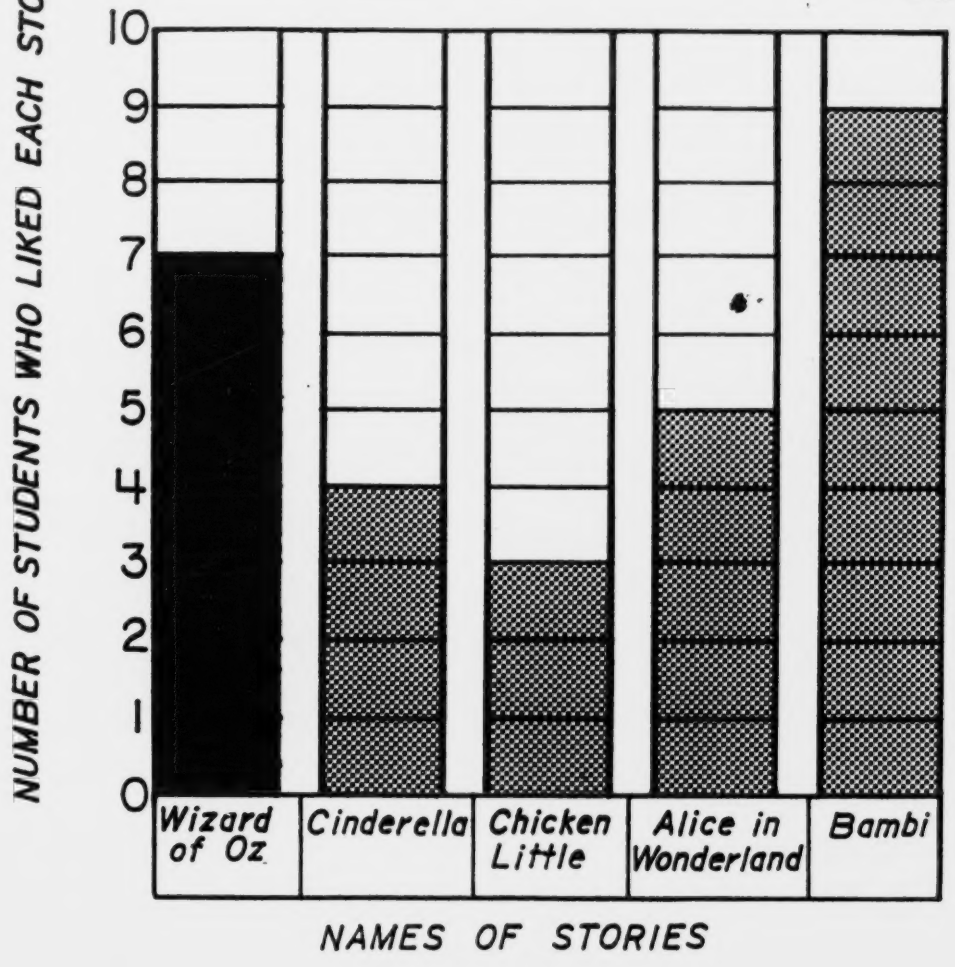
P.O. 2.12.02.01

NAME:_____ CLASS:_____ DATE:_____

Use the information on the chart to complete the bar graph.

FAVORITE STORIES	NUMBER OF STUDENTS WHO LIKED THEM
Wizard of Oz	𝍸 II
Cinderella	IIII
Chicken Little	III
Alice in Wonderland	𝍸
Bambi	𝍸 IIII



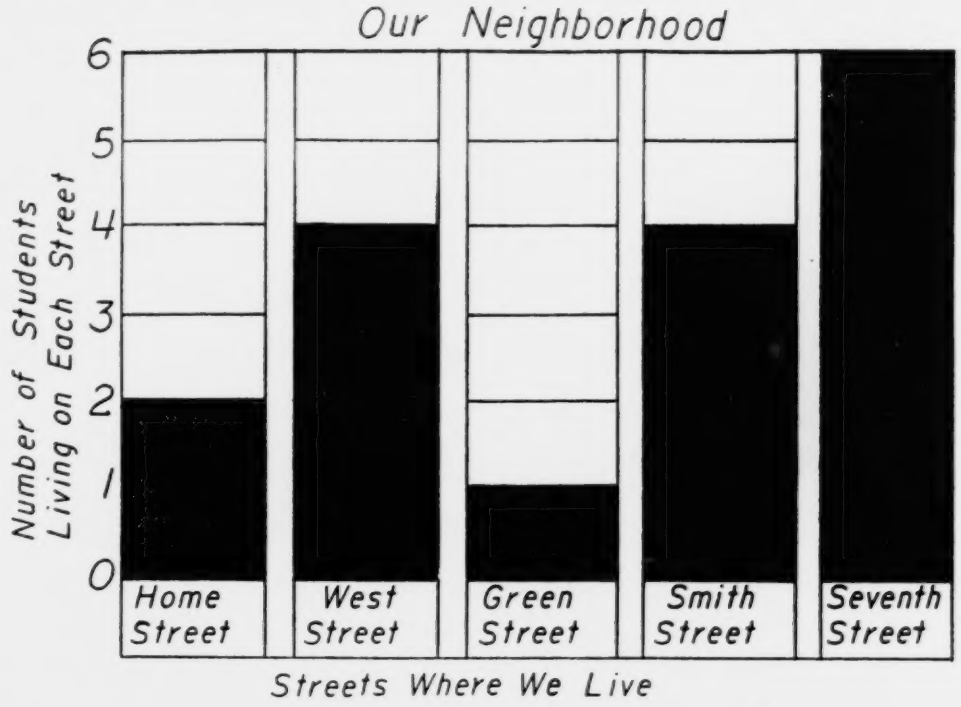


87

P.O. 2.12.02.02

NAME: _____ CLASS: _____ DATE: _____

Use the bar graph to answer the questions.



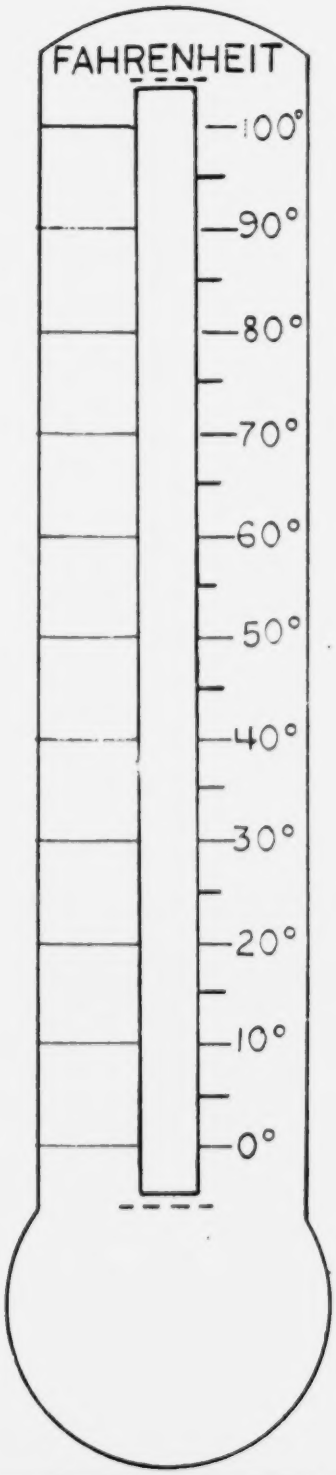
1. How many students live on Home Street? 2
2. On which street do the most students live? Seventh
3. On which street do the fewest students live? Green
4. How many students live on Green Street and West Street together? 5
5. On which streets do an equal number of students live? West and Smith
6. On which street do 6 students live? Seventh
7. How many more students live on Seventh Street than on Green Street? 5
8. How many streets are shown on the graph? 5

68

P.O. 2.10.04.02

NAME:_____ CLASS:_____ DATE:_____

Glue the thermometer to a piece of oaktag or cardboard. Cut a slot at each dotted line. Cut a strip of paper, half red and half white, to fit in the slots to make your thermometer.



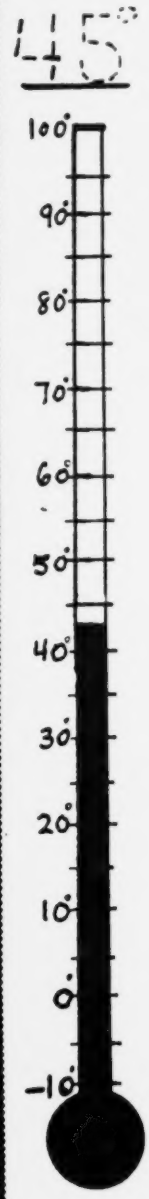
89

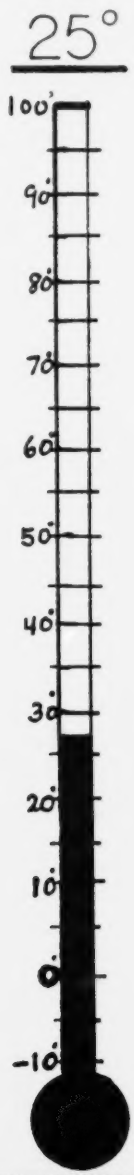
P.O. 2.10.04.02

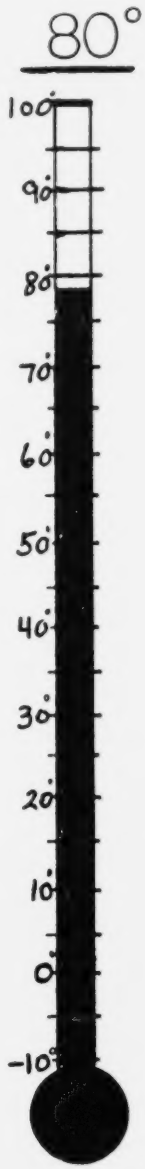
NAME:_____ CLASS:_____ DATE:_____

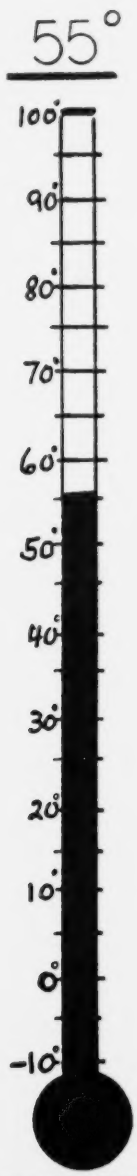
Write the temperature that each Fahrenheit thermometer shows to the nearest five or ten degrees.

What temperature is shown on each thermometer?







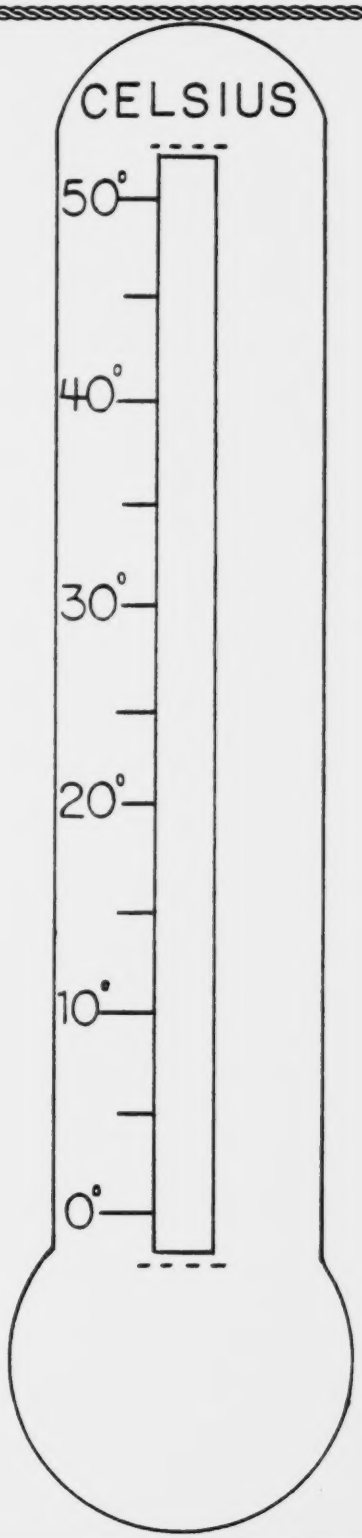


91

P.O. 2.10.04.03

NAME: _____ CLASS: _____ DATE: _____

Glue the thermometer to a piece of oaktag or cardboard. Cut a slot at each dotted line. Cut a strip of paper, half red and half white, to fit in the slots to make your thermometer.



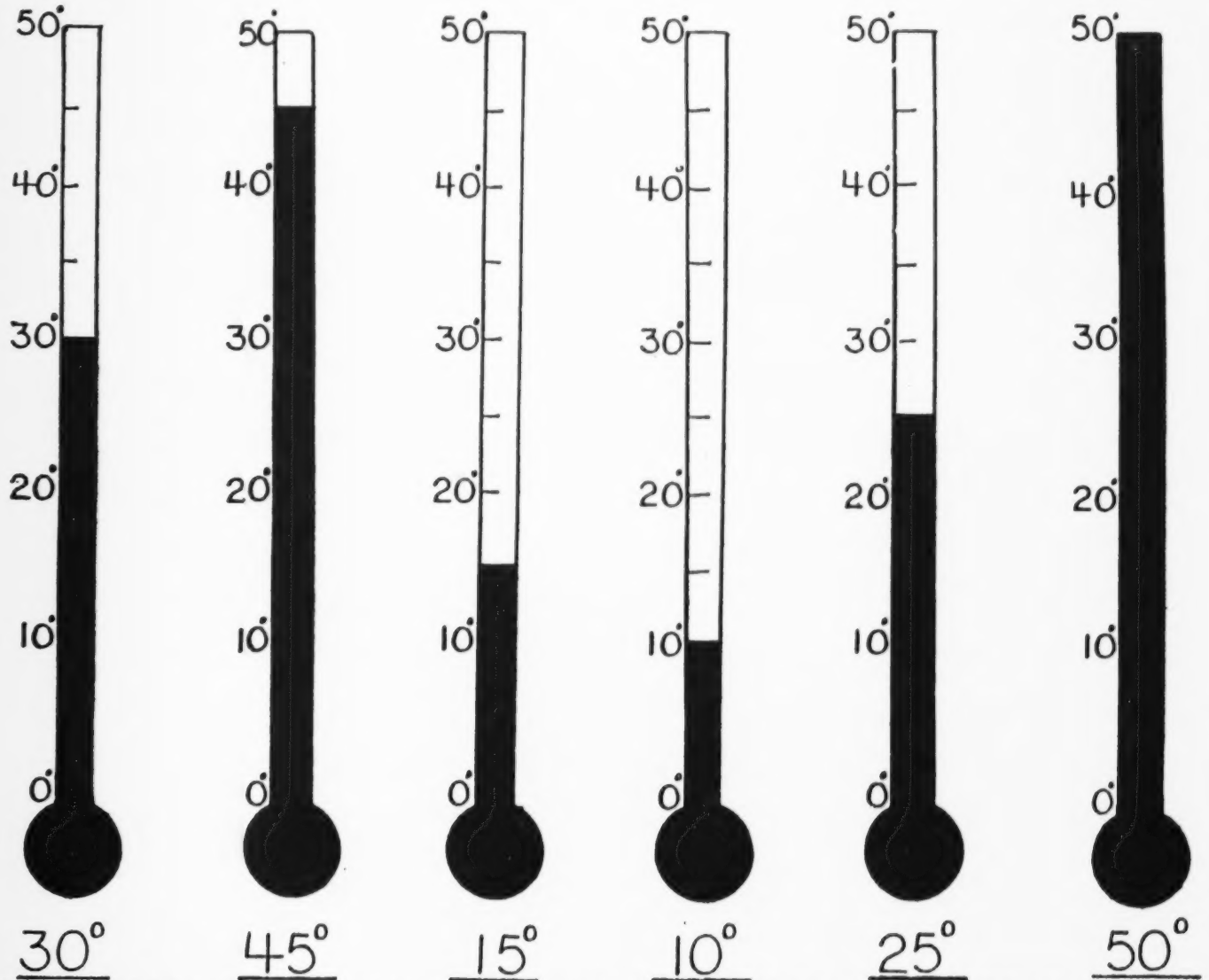
93

P.O. 2.10.04.03

NAME: _____ CLASS: _____ DATE: _____

Color each Celsius thermometer to show the correct temperature.

Fill in each thermometer to show the correct temperature.

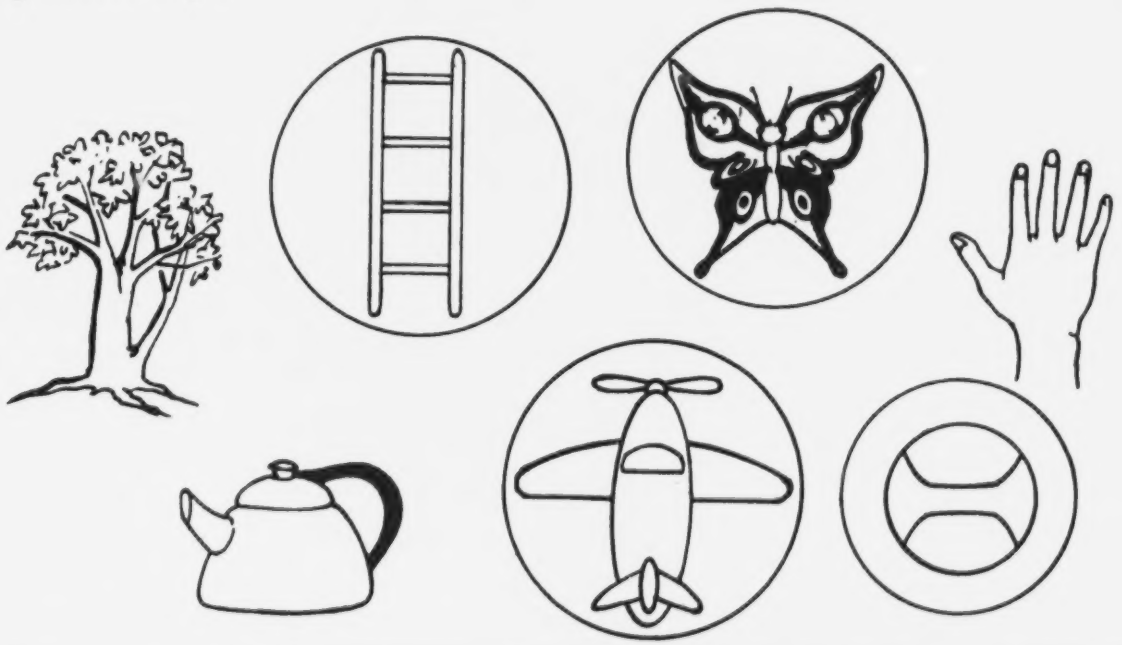


P.O. 2.09.03.01

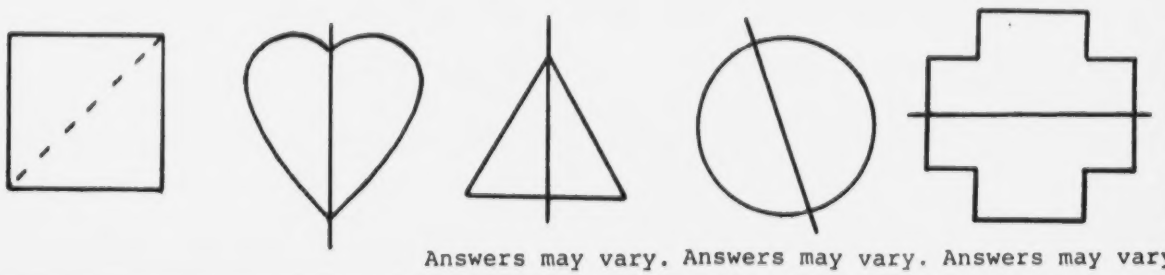
NAME: _____ CLASS: _____ DATE: _____

Follow the directions in each part.

Draw a ring around the objects that have a line of symmetry.



Draw a line of symmetry in each shape.



Answers may vary. Answers may vary. Answers may vary.

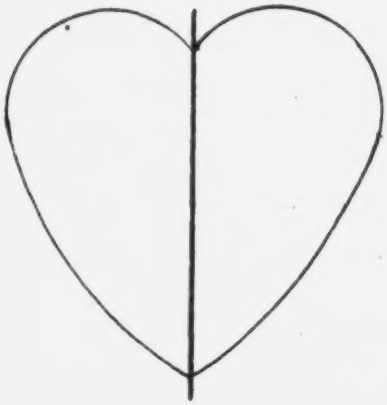
DO YOU REMEMBER?

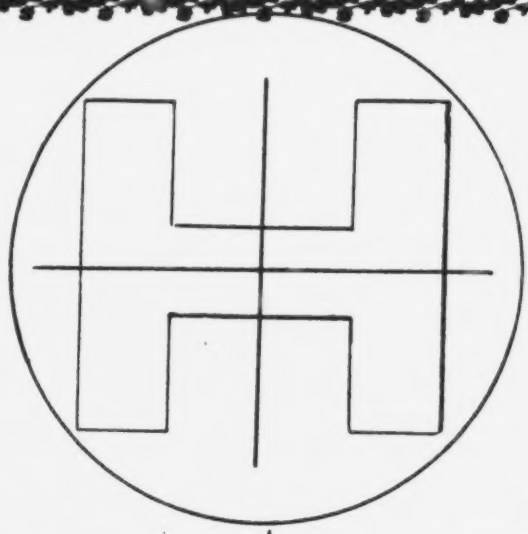
My number is between 40 and 60.
It is odd.
The sum of the digits is 11.
The number is 47.

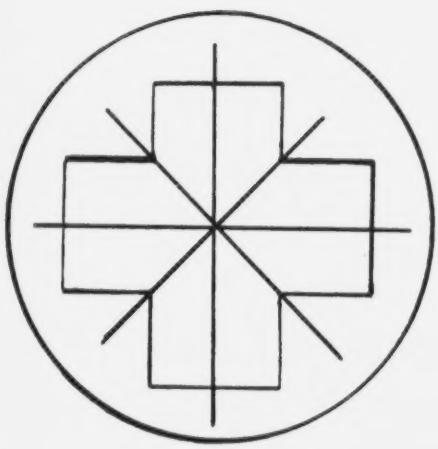
P.O. 2.09.03.02

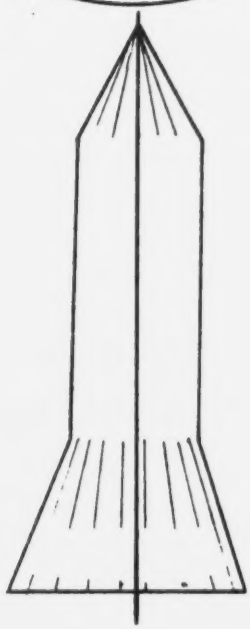
NAME: _____ CLASS: _____ DATE: _____

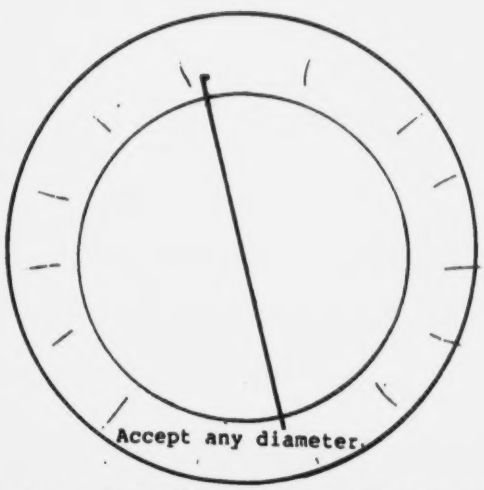
Draw the line(s) of symmetry for each shape. Circle the shapes which have more than one line of symmetry.



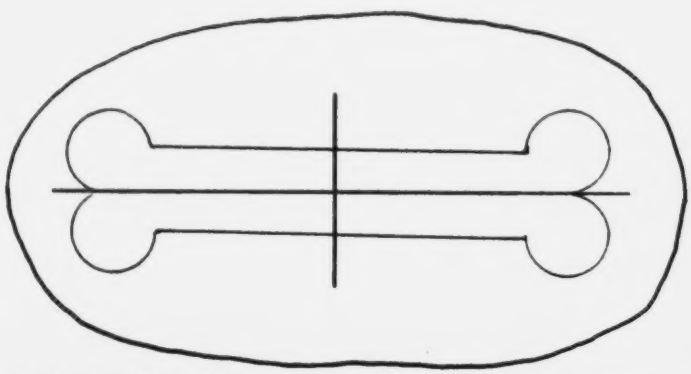








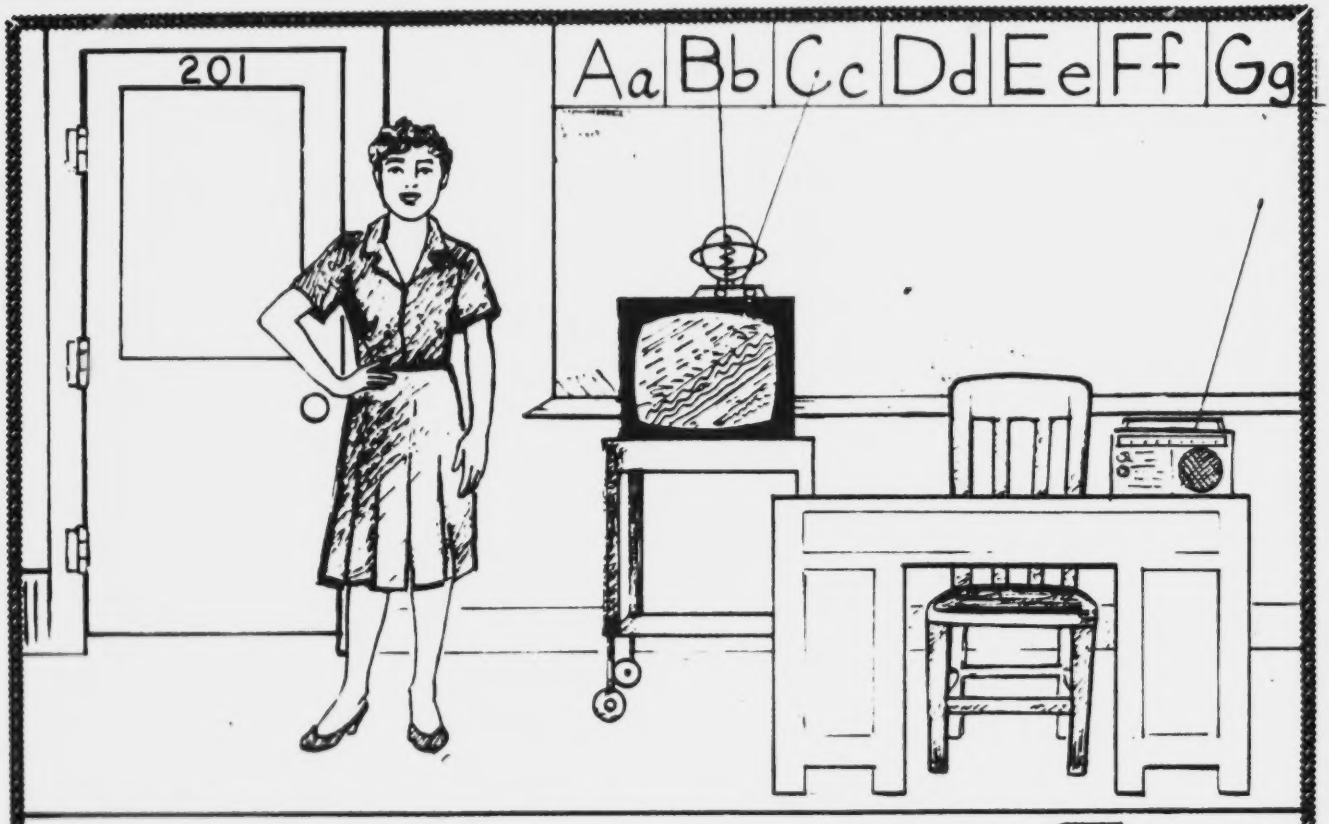
Accept any diameter.

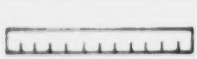


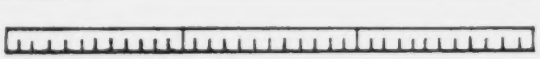
P.O. 2.10.05.01

NAME: _____ CLASS: _____ DATE: _____

Write the name of the measuring tool which you would use to measure the length, width, or height of each object.




12 in. ruler


yardstick

tape measure

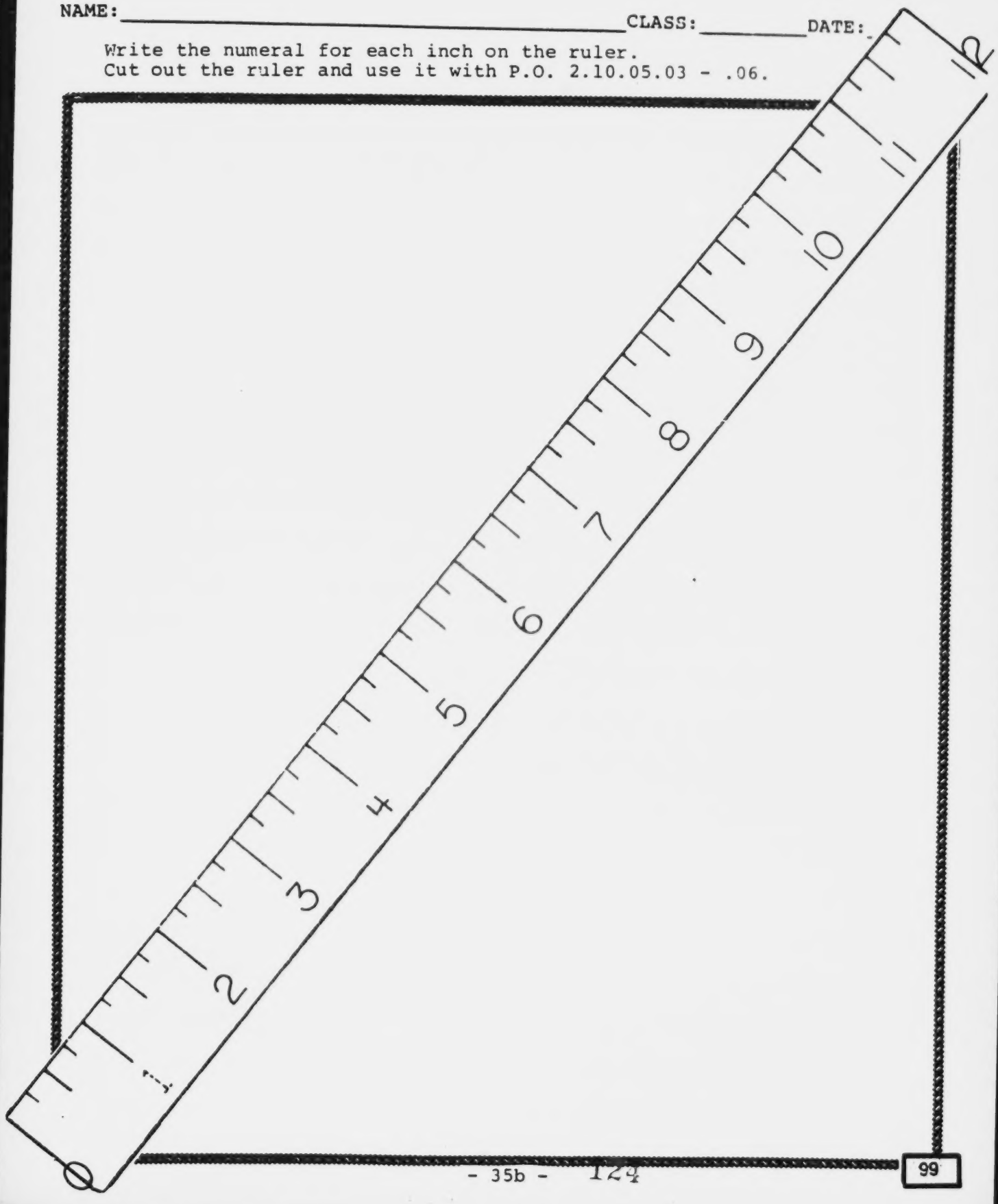
Answers may vary.

Object	Tool
1. desk	_____
2. radio	_____
3. T.V.	_____
4. teacher	_____
5. T.V. table	_____
6. door	_____
7. chalkboard	_____

P.O. 2.10.05.02

NAME: _____ CLASS: _____ DATE: _____

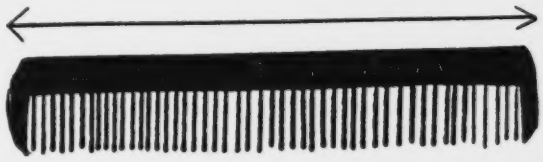
Write the numeral for each inch on the ruler.
Cut out the ruler and use it with P.O. 2.10.05.03 - .06.



P.O. 2.10.05.03

NAME:_____ CLASS:_____ DATE:_____

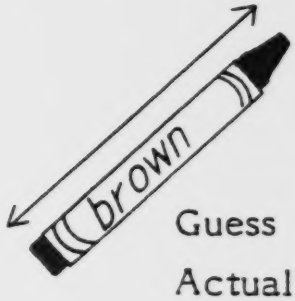
Guess the length of each item to the nearest inch. Use the ruler on page 35b to measure each item. Record your guess and the actual measurement.



Guesses may vary.

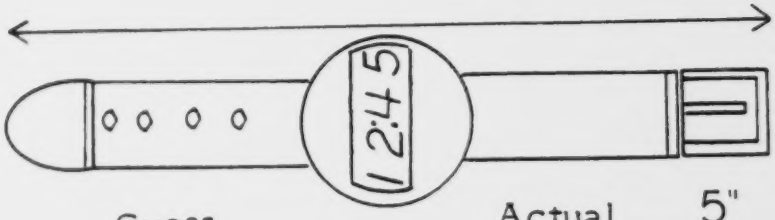
Guess _____

Actual 3"

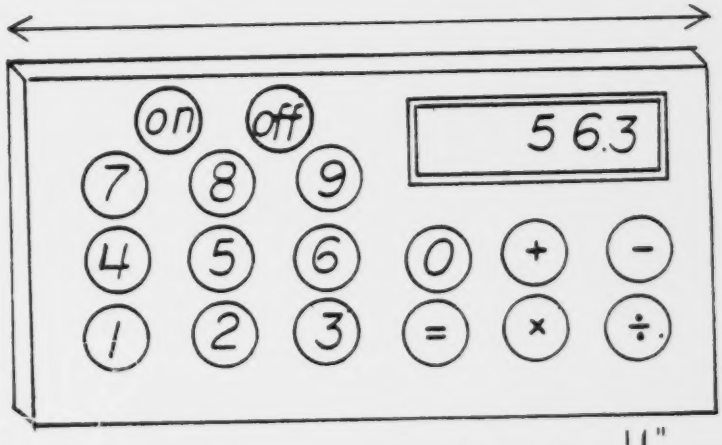


Guess _____

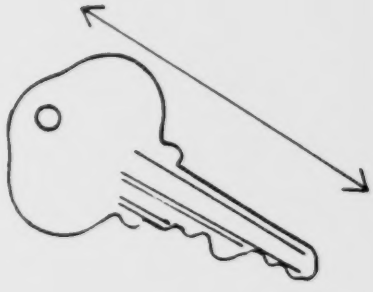
Actual 2"



Guess _____ Actual 5"

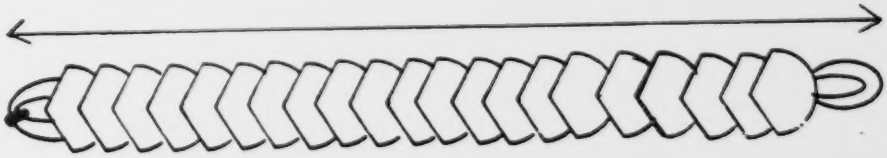


Guess _____ Actual 4"



Guess _____

Actual 2"



Guess _____

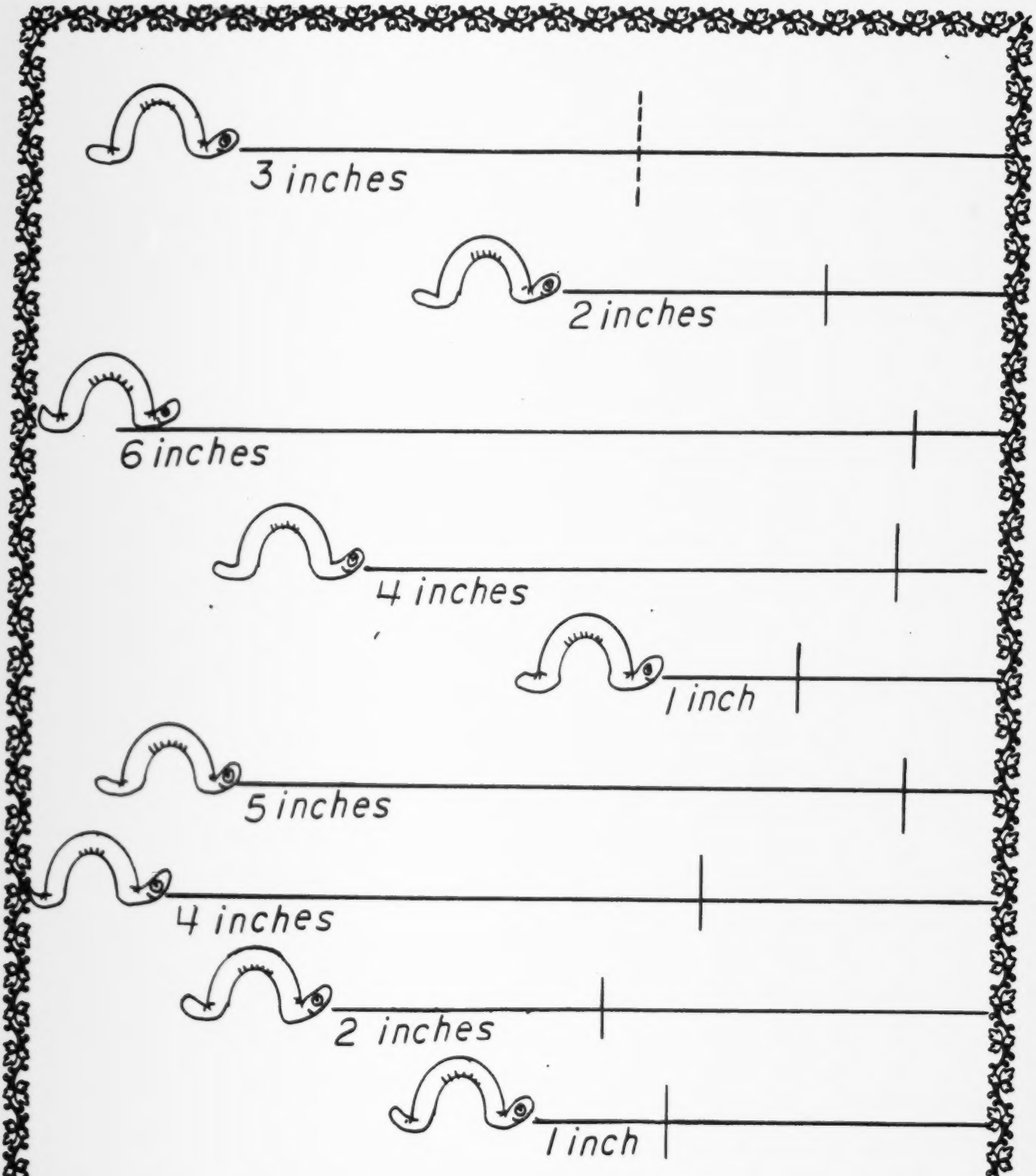
Actual 5"

101

P.O. 2.10.05.04

NAME:_____ CLASS:_____ DATE:_____

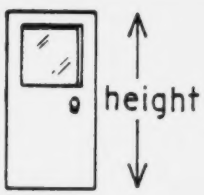
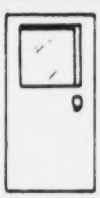
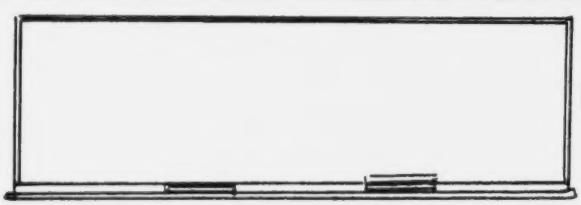
Draw a line where the inchworm will stop.



P.O. 2.10.05.06

NAME:_____ CLASS:_____ DATE:_____

Write your name and a classmate's name in the spaces shown. Guess the height or width of each item below in your classroom. Then use a ruler to measure the actual height or width. Whose guess was closer to the actual measurement each time?

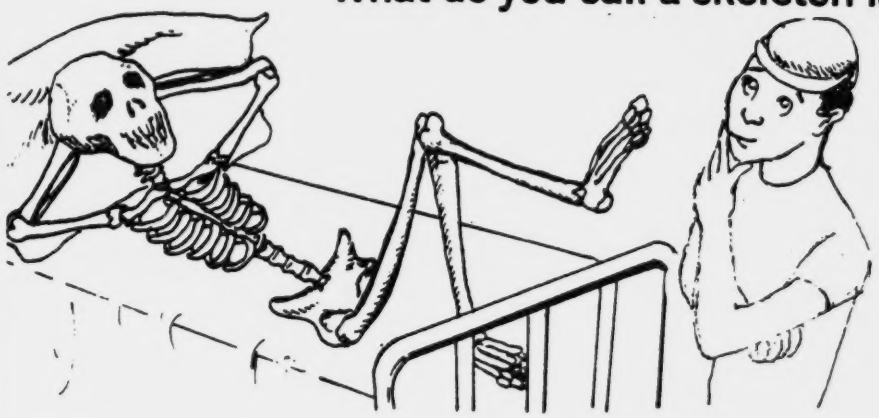
	Guess		Actual Length
	name	name	
height	3′	4′	5′
← width → Estimates and answers will vary.			
 height Estimates and answers will vary.			
 ← width → Estimates and answers will vary.			
 height	Estimates and answers will vary.		
← width → Estimates and answers will vary.			

P.O. 2.02.03.01

NAME:_____ CLASS:_____ DATE:_____

Add . Use the addition answers with the code to solve the riddle.

What do you call a skeleton laying in bed?



CODE $\frac{B}{2}\ \frac{O}{9}$ $\frac{L}{6}\ \frac{A}{4}$ $\frac{N}{3}\ \frac{E}{7}$ $\frac{Z}{5}\ \frac{Y}{8}$

① $\begin{array}{r} 23 \\ +41 \\ \hline \end{array}$

$\begin{array}{r} 20+3=23 \\ +\ 40+1=+41 \\ \hline 60+4=64 \end{array}$

② $\begin{array}{r} 21 \\ +37 \\ \hline \end{array}$

$\begin{array}{r} 20+1=21 \\ 30+7=37 \\ \hline 50+8=58 \end{array}$

③ $\begin{array}{r} 14 \\ +15 \\ \hline \end{array}$

$\begin{array}{r} 10+4=14 \\ 10+5=15 \\ \hline 20+9=29 \end{array}$

④ $\begin{array}{r} 25 \\ +12 \\ \hline \end{array}$

$\begin{array}{r} 20+5=25 \\ 10+2=12 \\ \hline 30+7=37 \end{array}$

ANSWER $\underbrace{\frac{L}{6}\ \frac{A}{4}}_{1}$ $\underbrace{\frac{Z}{\ }\ \frac{Y}{\ }}_{2}$ $\underbrace{\frac{B}{\ }\ \frac{O}{\ }}_{3}$ $\underbrace{\frac{N}{\ }\ \frac{E}{\ }}_{4}$ $\frac{S}{\ }$

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P.O. 2.02.03.02

NAME: _____ CLASS: _____ DATE: _____

Use expanded notation to do the addition. Check your answer.

① 264 + 232

200 + 60 + 4 = 264
+200 + 30 + 2 = +232
400 + 90 + 6 = 496

② 603 + 341

600 + 0 + 3 = 603
+300 + 40 + 1 = +341
900 + 40 + 4 = 944

③ 552 + 140

500 + 50 + 2 = 552
+ 100 + 40 + 0 = +140
600 + 90 + 2 = 692

④ *There were 413 people at the circus on Monday and 375 people at the circus on Tuesday. How many people were there on both days?*

400 + 10 + 3 = 413
300 + 70 + 5 = 375
700 + 80 + 8 = 788

P.O. 2.02.03.03

NAME: _____ CLASS: _____ DATE: _____

Add. Circle the answers which have numerals in counting order.

A.
$$\begin{array}{r} 412 \\ +44 \\ \hline 456 \end{array}$$

$400+10+2 = 412$

$+ \quad 40+4 = +44$

$400+50+6 = (456)$

B.
$$\begin{array}{r} 743 \\ +52 \\ \hline 795 \end{array}$$

$700+40+3 = 743$

$+50+2 = +52$

$700+90+5 = 795$

C.
$$\begin{array}{r} 636 \\ +42 \\ \hline 678 \end{array}$$

$600+30+6 = 636$

$+40+2 = +42$

$600+70+8 = (678)$

D.
$$\begin{array}{r} 545 \\ +32 \\ \hline 577 \end{array}$$

$500+40+5 = 545$

$+30+2 = +32$

$500+70+7 = 577$

E. *At Big Burger 672 chocolate shakes were sold and 17 vanilla shakes were sold. How many shakes were sold in all?*

$600+70+2 = 672$

$+ \quad 10+7 = 17$

$600+80+9 = 689$

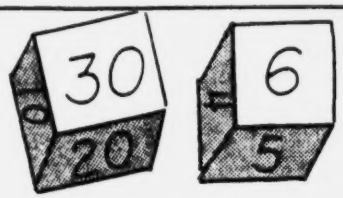
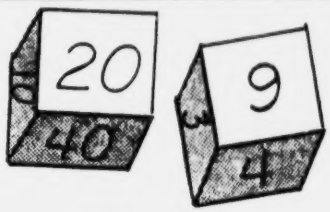
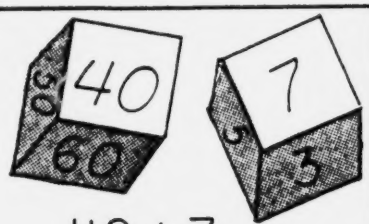
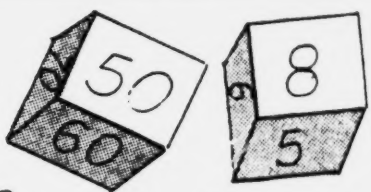
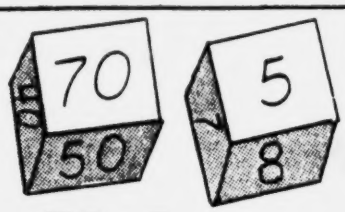
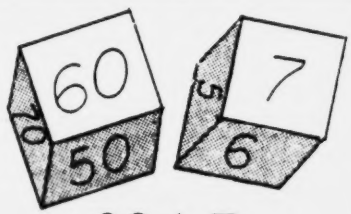
P.O. 2.03.03.01

NAME:_____ CLASS:_____ DATE:_____

Follow the directions below.

Susan and Tony were rolling dice. They had to subtract 15 from their score each time. Help them find their scores for each roll.

The winner is the one with the highest score. Circle the score of the winner of each game.

Susan's Scores	Tony's Scores
Game 1 	
$\begin{array}{r} 36 \\ -15 \\ \hline 21 \end{array}$ $\begin{array}{r} 30+6 \\ -(10+5) \\ \hline 20+1=21 \end{array}$	$\begin{array}{r} 29 \\ -15 \\ \hline 14 \end{array}$ $\begin{array}{r} 20+9 \\ -(10+5) \\ \hline 10+4=14 \end{array}$
Game 2 	
$\begin{array}{r} 47 \\ -15 \\ \hline 32 \end{array}$ $\begin{array}{r} 40+7 \\ -(10+5) \\ \hline 30+2=32 \end{array}$	$\begin{array}{r} 58 \\ -15 \\ \hline 43 \end{array}$ $\begin{array}{r} 50+8 \\ -(10+5) \\ \hline 40+3=43 \end{array}$
Game 3 	
$\begin{array}{r} 75 \\ -15 \\ \hline 60 \end{array}$ $\begin{array}{r} 70+5 \\ -(10+5) \\ \hline 60+0=60 \end{array}$	$\begin{array}{r} 67 \\ -15 \\ \hline 52 \end{array}$ $\begin{array}{r} 60+7 \\ -(10+5) \\ \hline 50+2=52 \end{array}$

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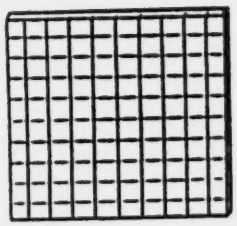
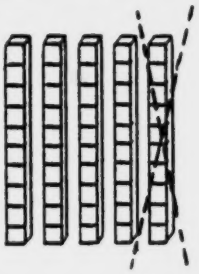
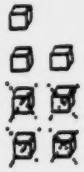
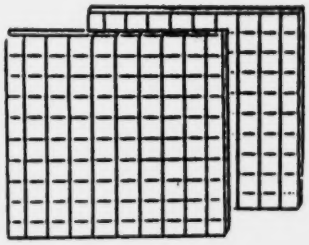
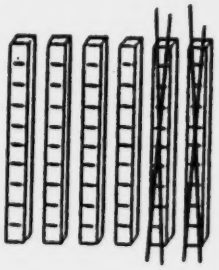
P.O. 2.03.03.02

NAME: _____ CLASS: _____ DATE: _____

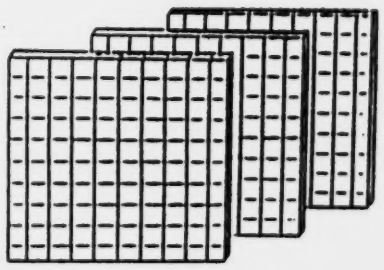
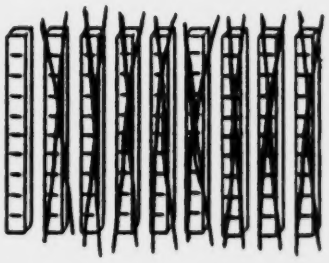
Cross out the amount of squared material to be taken away.
Complete the subtraction examples.

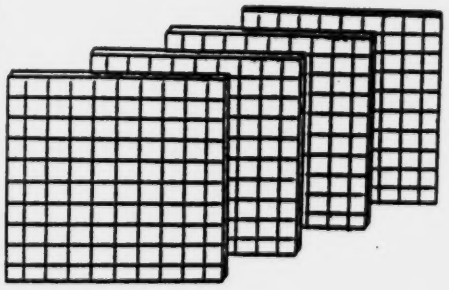
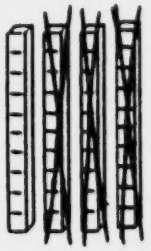
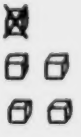
157 = 100 + 50 + 7
-14 = ... (10 + 4)
143 = 100 + 40 + 3

265 = 200 + 60 + 5
-23 = — (20 + 3)
242 = 200 + 40 + 2

396 = 300 + 90 + 6
-83 = — (80 + 3)
313 = 300 + 10 + 3

445 = 400 + 40 + 5
- 31 = — (30 + 1)
414 = 400 + 10 + 4

P.O. 2.03.03.02

NAME: _____ CLASS: _____ DATE: _____

Expand each number and then do the subtraction.

① 187 − 52

100 + 80 + 7 = 187
− (50 + 2) = − 52
100 + 30 + 5 = 135

② 374 − 21

300 + 70 + 4 = 374
− (20 + 1) = − 21
300 + 50 + 3 = 353

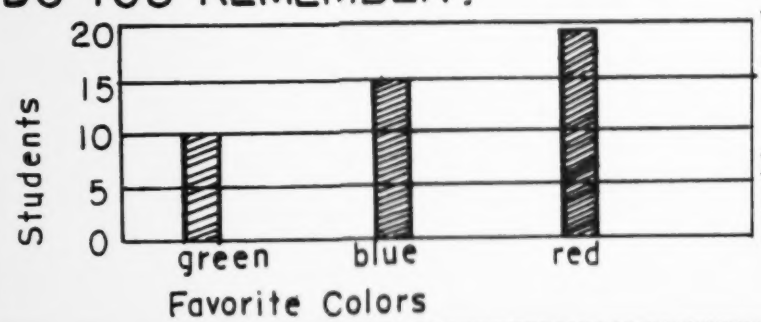
③ 298 − 76

200 + 90 + 8 = 298
− (70 + 6) = − 76
200 + 20 + 2 = 222

④ 463 − 12

400 + 60 + 3 = 463
− (10 + 2) = − 12
400 + 50 + 1 = 451

DO YOU REMEMBER?



Which is the favorite color? RED

How many more students like blue than green? 5

P.O. 2.03.03.03

NAME: _____ CLASS: _____ DATE: _____

Write the expanded notation and do the subtraction. Match your answer to the place value chart showing that number.

① 654 − 422

$600 + 50 + 4 = 654$

$-400 + 20 + 2 = -422$

$200 + 30 + 2 = 232$

② 495 − 372

$400 + 90 + 5 = 495$

$-(300 + 70 + 2) = -372$

$100 + 20 + 3 = 123$

③ 887 − 426

$800 + 80 + 7 = 887$

$-(400 + 20 + 6) = -426$

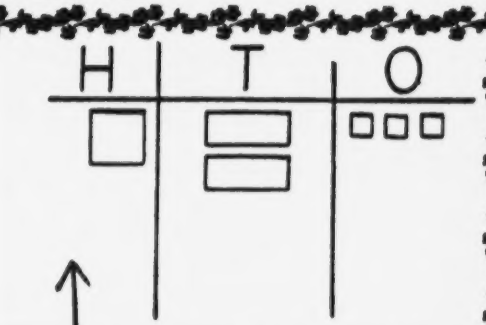
$400 + 60 + 1 = 461$

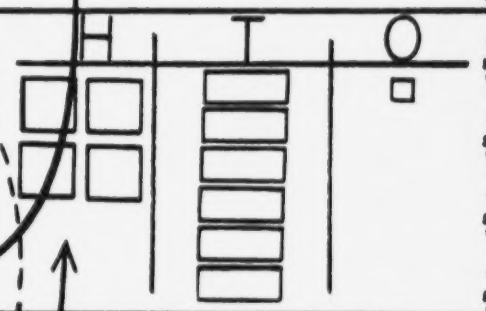
④ 746 − 631

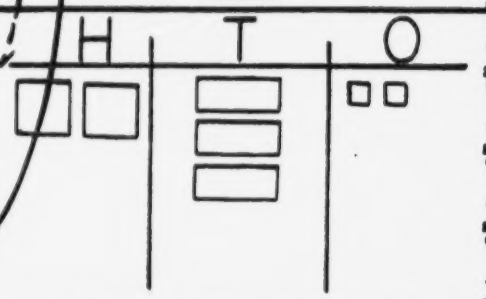
$700 + 40 + 6 = 746$

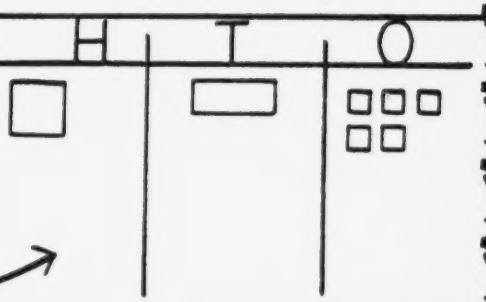
$-(600 + 30 + 1) = -631$

$100 + 10 + 5 = 115$



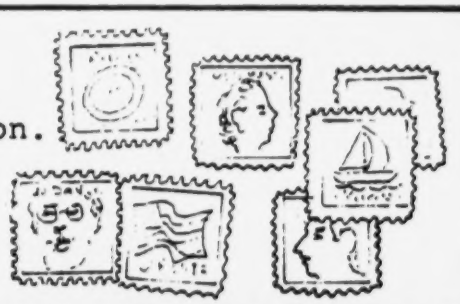






DO YOU REMEMBER?

Tom collected 34 postage stamps.
He needs 75 to complete his collection.
How many more stamps does he need?

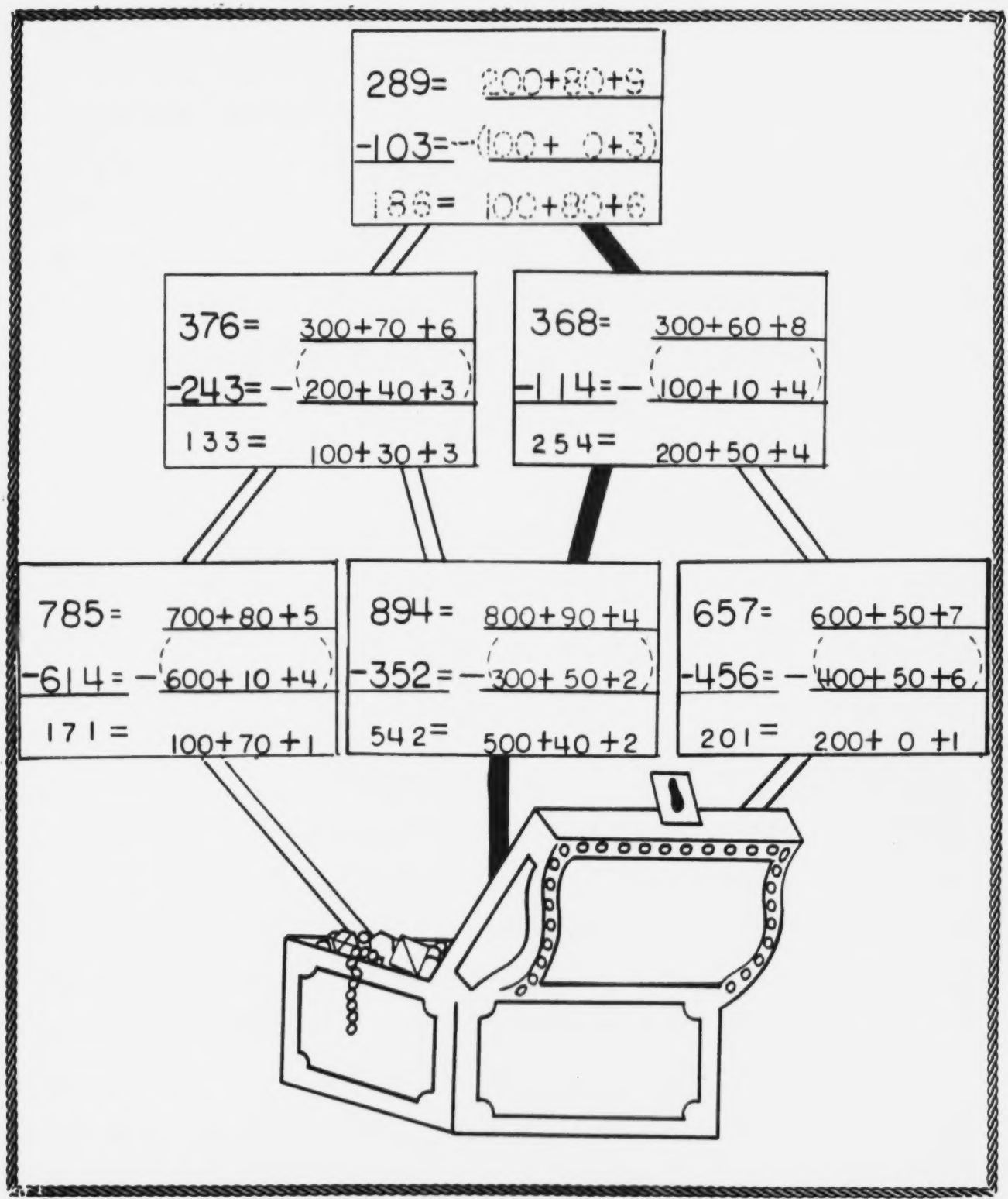


He needs 41 more stamps.

P.O. 2.03.03.03

NAME: _____ CLASS: _____ DATE: _____

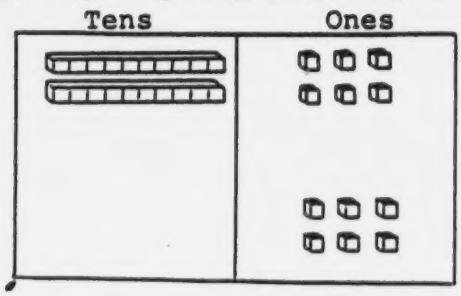
Solve each example. Reach the treasure chest by drawing a line along the path which shows the answers getting larger.



P.O. 2.02.04.01

NAME: _____ CLASS: _____ DATE: _____

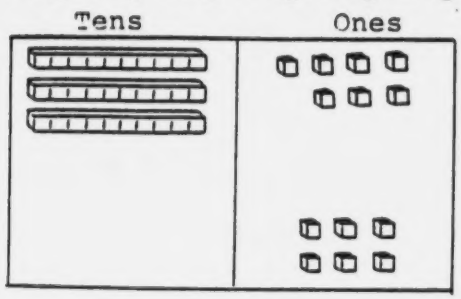
Add using expanded notation with regrouping.



$$\begin{array}{r} 26 = 20+6 \\ +\ 6 \quad +\ 6 \\ \hline \end{array}$$

$20+12 =$

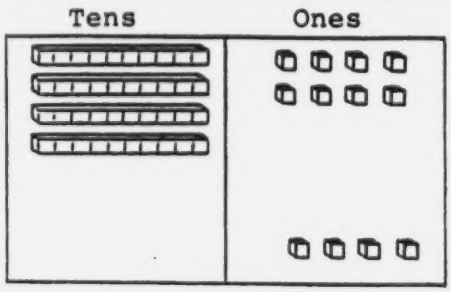
$20+10+2 = 32$



$$\begin{array}{r} 37 = 30+7 \\ +\ 6 \quad +\ 6 \\ \hline \end{array}$$

$30+13 =$

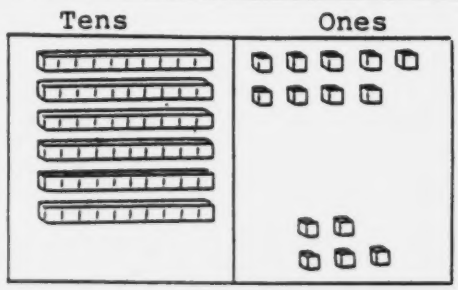
$30+10+3 = 43$



$$\begin{array}{r} 48 = 40+8 \\ +\ 4 \quad +\ 4 \\ \hline \end{array}$$

$40+12 =$

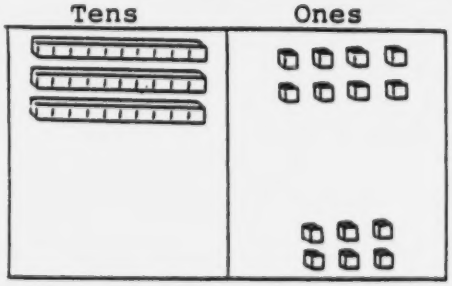
$40+10+2 = 52$



$$\begin{array}{r} 69 = 60+9 \\ +\ 5 \quad +\ 5 \\ \hline \end{array}$$

$60+14 =$

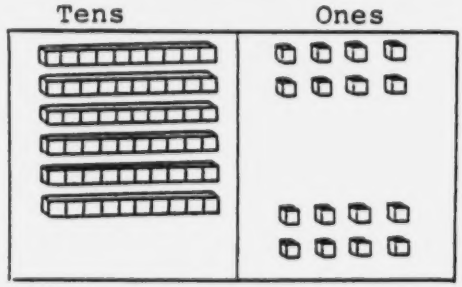
$60+10+4 = 74$



$$\begin{array}{r} 38 = 30+8 \\ +\ 6 \quad +\ 6 \\ \hline \end{array}$$

$30+14 =$

$30+10+4 = 44$



$$\begin{array}{r} 68 = 60+8 \\ +\ 8 \quad +\ 8 \\ \hline \end{array}$$

$60+16 =$

$60+10+6 = 76$

P.O. 2.02.04.02

NAME: _____ CLASS: _____ DATE: _____

Choose one item from each column. Write the name of each and its price. What is the total of each bill? Check your answers.

SCHOOL STORE PRICE LIST			
Large Notebook	85¢	Bookmark	7¢
Small Notebook	64¢	Eraser	8¢
Ruler	58¢	Book Cover	9¢
Pen	47¢	Pencil	6¢

Choose 1 item from each column.

		Check		Check
Large Notebook	85¢	9¢	_____	
Book Cover	+ 9¢	+85¢	_____ ____	
Total	94¢	94¢		
			Answers will vary.	

		Check		Check
_____			_____	
_____	____		_____ ____	
Answers will vary.			Answers will vary.	

P.O. 2.02.04.03

NAME: _____ CLASS: _____ DATE: _____

Solve each problem. Check your work.

Little Bo Peep counted 22 sheep. Then she counted 9 more sheep. How many sheep did she count in all?	22 + 9 31	check 9 + 22 31
The King was in the counting house. He counted 49 gold coins. He counted 7 silver coins. How many coins did he count in all?	49 + 7 56	7 +49 56
Jack and Jill went up the hill. Jack filled 18 pails of water. Jill filled 9 pails of water. How many pails did they fill in all?	18 + 9 27	9 +18 27
Simple Simon met a pie man. He had 35 apple pies and 8 cherry pies. How many pies did he have in all?	35 + 8 43	8 +35 43
Hickory, dickory, dock! 19 mice ran up the clock. Then 4 more mice ran up the clock. How many mice ran up the clock in all?	19 + 4 23	4 +19 23

P.O. 2.03.04.01

NAME: _____ CLASS: _____ DATE: _____

Solve each example. Find and circle your answer in the bingo box.
How many examples must you complete before you get bingo?

seven

44	19	9	84
8	15	25	28
37	88	67	3
59	58	33	77

① 51 = 50 + 1 = 40 + 11
−7 = −7 = −7
40 + 4 = 44

② 17 = 10 + 7 = +17
−8 = −8 = −8
9

③ 23 = 20 + 3 = 10 + 13
−4 = −4 = −4
10 + 9 = 19

④ 24 = 20 + 4 = 10 + 14
−9 = −9 = −9
10 + 5 = 15

⑤ 33 = 30 + 3 = 20 + 13
−8 = −8 = −8
20 + 5 = 25

⑥ 96 = 90 + 6 = 80 + 16
−8 = −8 = −8
80 + 8 = 88

⑦ 67 = 60 + 7 = 50 + 17
−9 = −9 = −9
50 + 8 = 58

⑧ 73 = 70 + 3 = 60 + 13
−6 = −6 = −6
60 + 7 = 67

⑨ 43 = 40 + 3 = 30 + 13
−9 = −9 = −9
30 + 4 = 34

⑩ 32 = 30 + 2 = 20 + 12
−9 = −9 = −9
20 + 3 = 23

⑪ 66 = 60 + 6 = 50 + 16
−7 = −7 = −7
50 + 9 = 59

⑫ 85 = 80 + 5 = 70 + 15
−8 = −8 = −8
70 + 7 = 77

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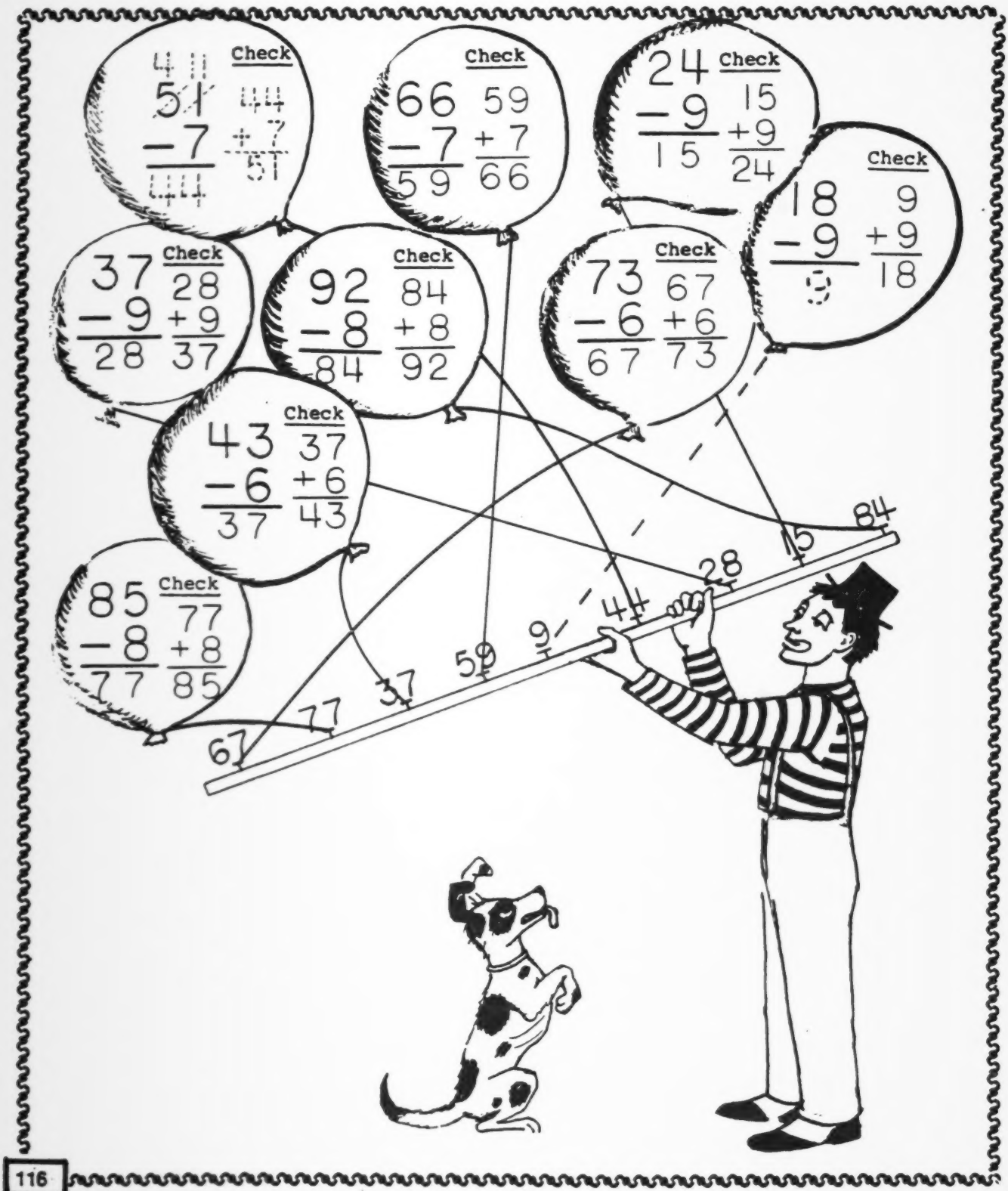
P.O. 2.03.04.02

NAME: _____ CLASS: _____ DATE: _____

Subtract each example. Draw a string from each balloon to its answer on the balloon holder.



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P.O. 2.03.04.03

NAME: _____ CLASS: _____ DATE: _____

Each student spent some money. How much money does each student have left?

Bill had 24¢.

He spent 7¢.

$$\begin{array}{r} 24¢ \\ -\ 7¢ \\ \hline 17¢ \end{array}$$

Bill has 17¢ left.

Anna had 35¢.

She spent 6¢.

$$\begin{array}{r} 35¢ \\ -\ 6¢ \\ \hline 29¢ \end{array}$$

Anna has 29¢ left.

Sue had 18¢.

She spent 9¢.

Sue has 9¢ left.

Juan had 81¢.

He spent 2¢.

Juan has 79¢ left.

Tina had 52¢.

She spent 4¢.

Tina has 48¢ left.

Tony had 73¢.

He spent 5¢.

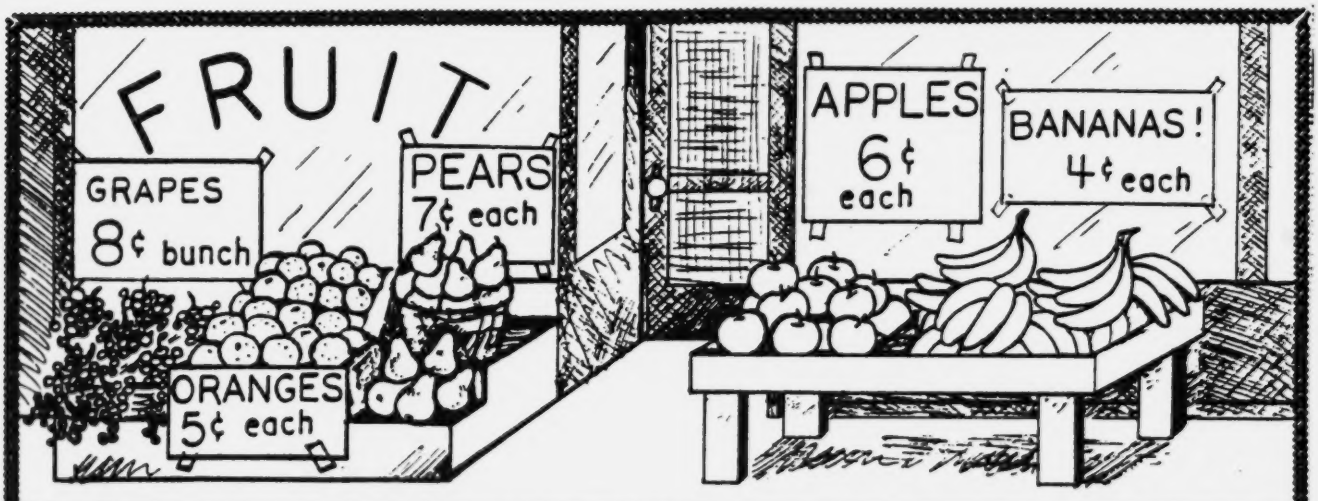
Tony has 68¢ left.

117

P.O. 2.03.04.04

NAME: _____ CLASS: _____ DATE: _____

Subtract. Show the regrouping. Check your answer.



		CHECK
Had	22¢	16¢
Bought	− 6¢	+ 6¢
Money left	16¢	22¢

		CHECK
Had	37¢	29¢
Bought	− 8¢	+ 8¢
Money left	29¢	37¢

		CHECK
Had	51¢	47¢
Bought	− 4¢	+ 4¢
Money left	47¢	51¢

		CHECK
Had	63¢	58¢
Bought	− 5¢	+ 5¢
Money left	58¢	63¢

		CHECK
Had	73¢	66¢
Bought	− 7¢	+ 7¢
Money left	66¢	73¢

		CHECK
Had	47¢	39¢
Bought	− 8¢	+ 8¢
Money left	39¢	47¢

DO YOU REMEMBER?

526 = 500 + 20 + 6

343 = 300 + 40 + 3

287 = 200 + 80 + 7

103 = 100 + 0 + 3

888 = 800 + 80 + 8

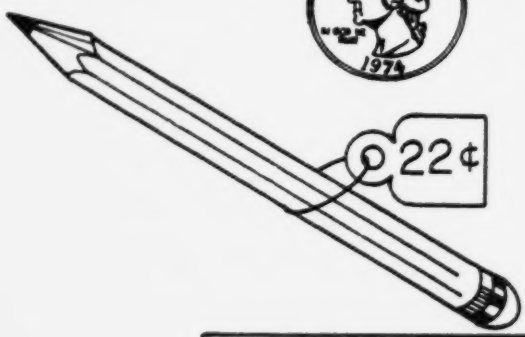
950 = 900 + 50 + 0

P.O. 2.10.06.01

NAME: _____ CLASS: _____ DATE: _____

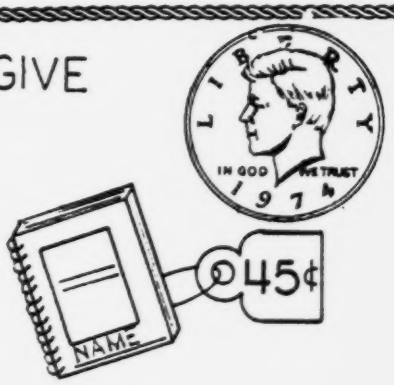
Cut and paste the fewest coins you need to make change.

YOU GIVE



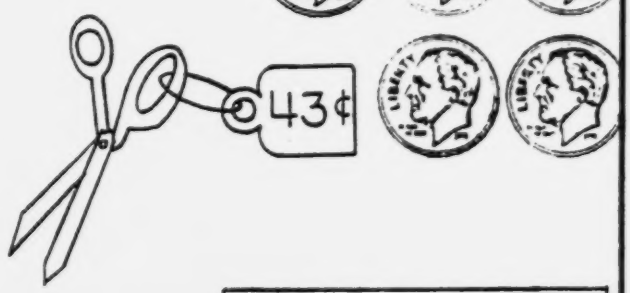
YOUR CHANGE IS

YOU GIVE



YOUR CHANGE IS

YOU GIVE



YOUR CHANGE IS

YOU GIVE

YOUR CHANGE IS

119

P.O. 2.10.06.02

NAME: _____ CLASS: _____ DATE: _____

Cut and paste the fewest coins needed to make change.

YOU GIVE

YOUR CHANGE IS

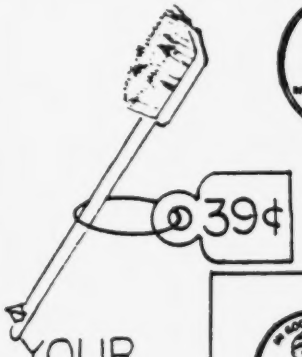
YOU GIVE

YOUR CHANGE IS

YOU GIVE

YOUR CHANGE IS

YOU GIVE



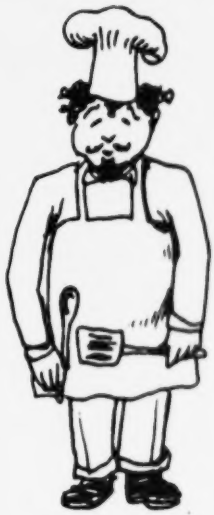
YOUR CHANGE IS

121

P.O. 2.14.04.01

NAME: _____ CLASS: _____ DATE: _____

Follow the directions below.



Charles baked three pizzas.

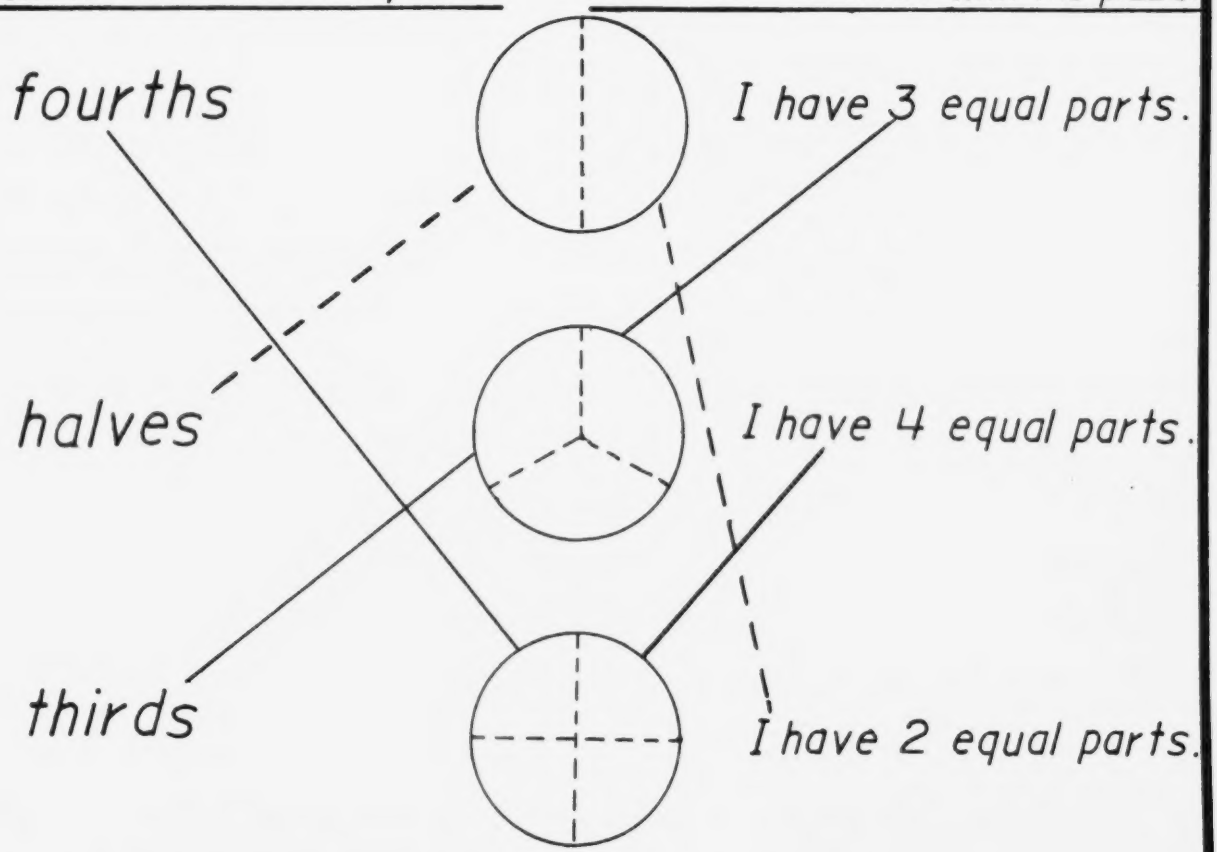
On Monday he cut a pizza in half.

On Tuesday he cut a pizza into thirds.

On Wednesday he cut a pizza into fourths.

Match the word with the pizza.

Match the sentence with the pizza.

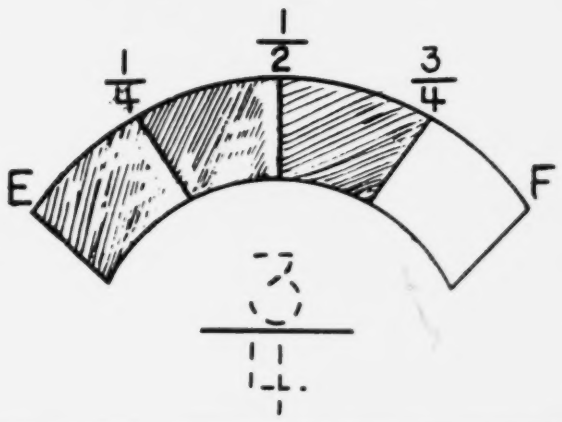


P.O. 2.14.04.02

NAME: _____ CLASS: _____ DATE: _____

Write the fraction that answers each question.

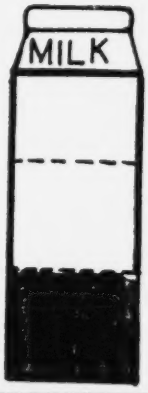
How full is the gas tank?



How full is the fish tank?

1/2

How full is the milk container?

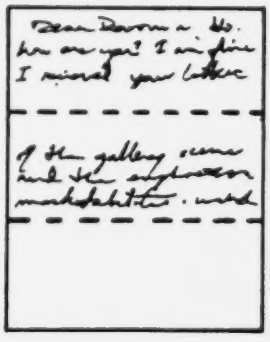


1/3

What part of the soap is shaded?

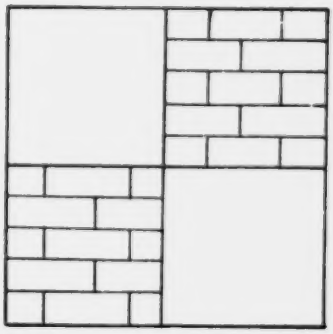
1/4

What part of the page has writing?



2/3

What part of the floor is tiled?



2/4

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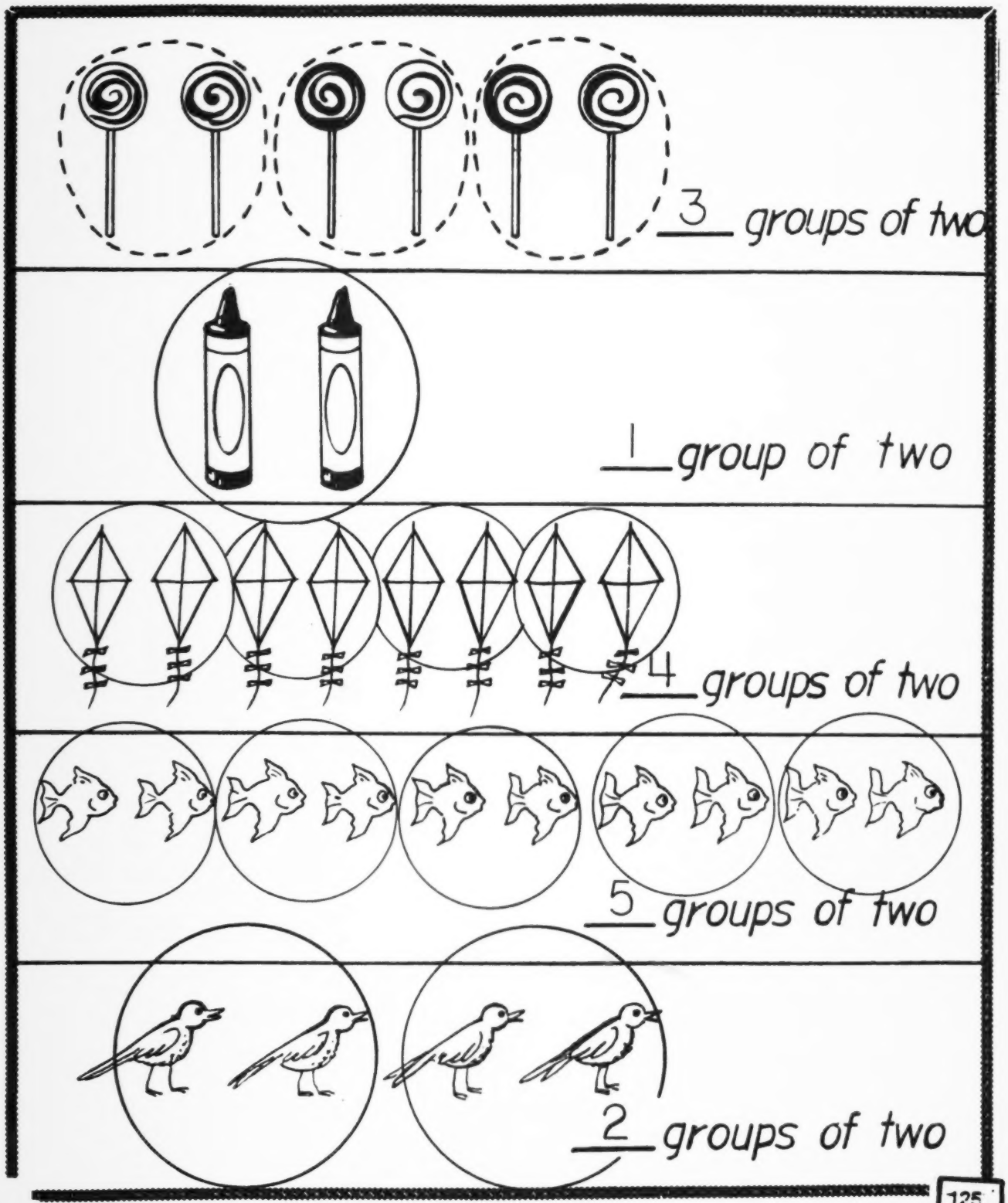
P.O. 2.04.01.01

NAME:_____ CLASS:_____ DATE:_____

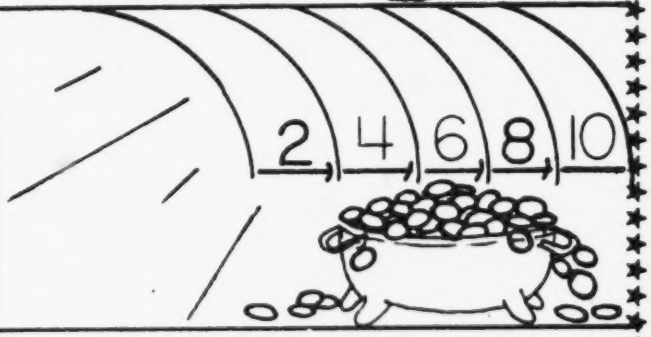
Circle groups of two. How many groups of two did you circle each time?

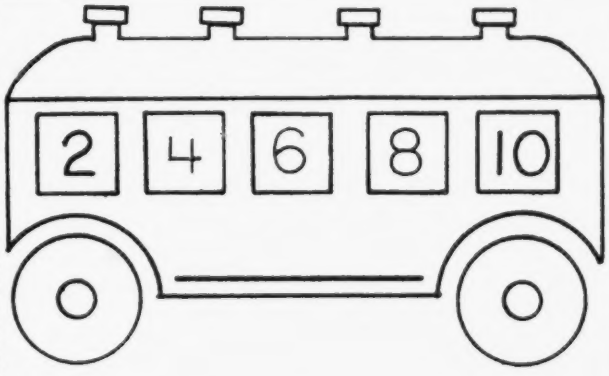


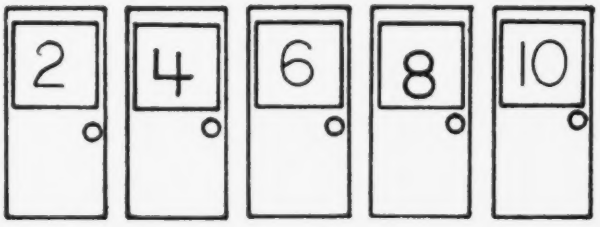
P.O. 2.04.01.02

NAME:_____ CLASS:_____ DATE:_____

Help the detectives find the missing numbers. Count by twos.







DO YOU REMEMBER?

Name the Shape

I have 4 sides and 4 square corners.
My 2 short sides are equal in length.
My 2 long sides are equal in length.

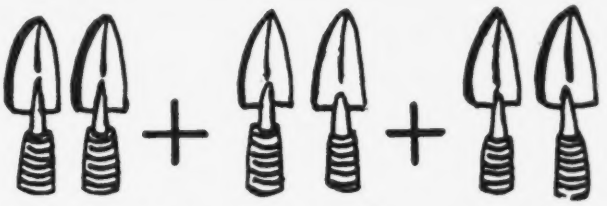
I am a rectangle.

P.O. 2.04.01.03

NAME: _____ CLASS: _____ DATE: _____

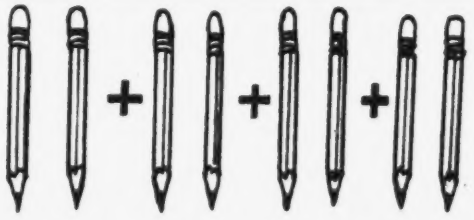
Complete each number story.

2 + 2 = 2 groups of two

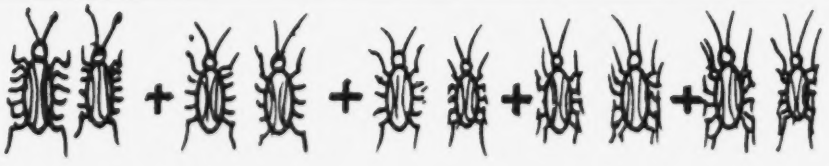


2 + 2 + 2 = 3 groups of two

2 = 1 group of two



2 + 2 + 2 + 2 = 4 groups of two

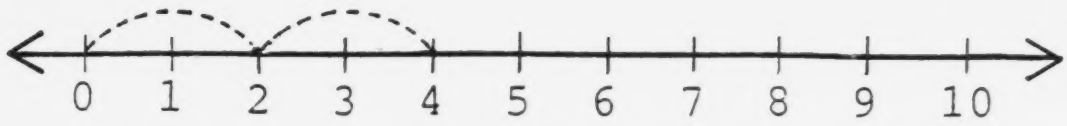


2 + 2 + 2 + 2 + 2 = 5 groups of two

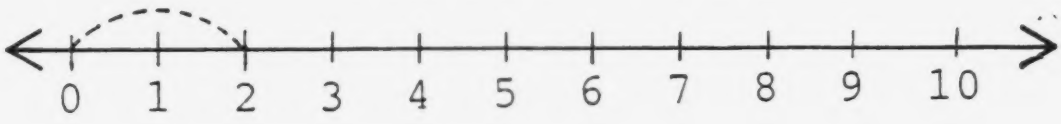
P.O. 2.04.01.04

NAME: _____ CLASS: _____ DATE: _____

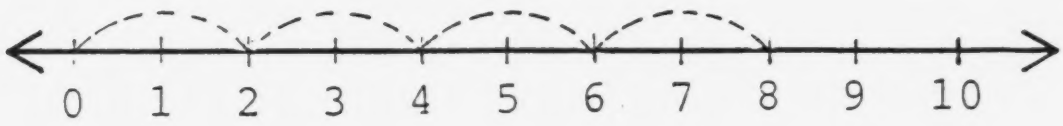
Use the number lines to count by twos.



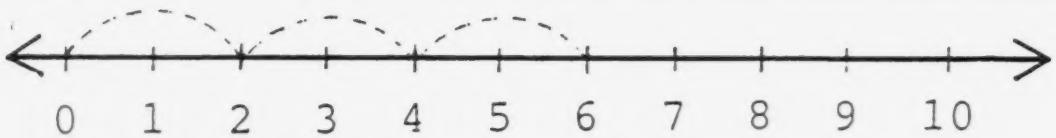
2 groups of two = 4



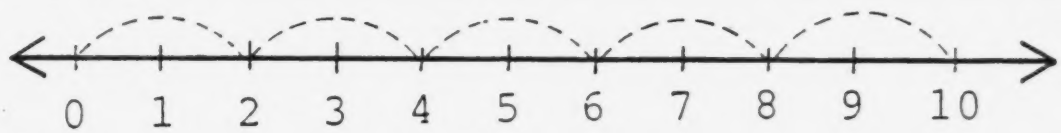
1 group of two = 2



4 groups of two = 8



3 groups of two = 6

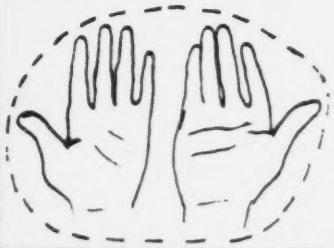


5 groups of two = 10

P.O. 2.04.01.05

NAME: _____ CLASS: _____ DATE: _____

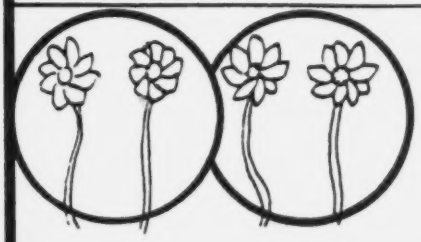
Circle groups of two. Complete each number story.



2 = 2

1 group of two = 2

1 × 2 = 2



2 + 2 = 4

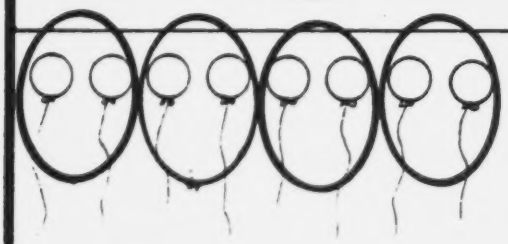
2 groups of two = 4

2 × 2 = 4

2 + 2 + 2 = 6

3 groups of two = 6

3 × 2 = 6



2 + 2 + 2 + 2 = 8

4 groups of two = 8

4 × 2 = 8

2 + 2 + 2 + 2 + 2 = 10

5 groups of two = 10

5 × 2 = 10

DO YOU REMEMBER?

Paul rode his bicycle 16 miles on Saturday.
He rode 8 miles on Sunday.
How many miles did he ride on both days?

Solve

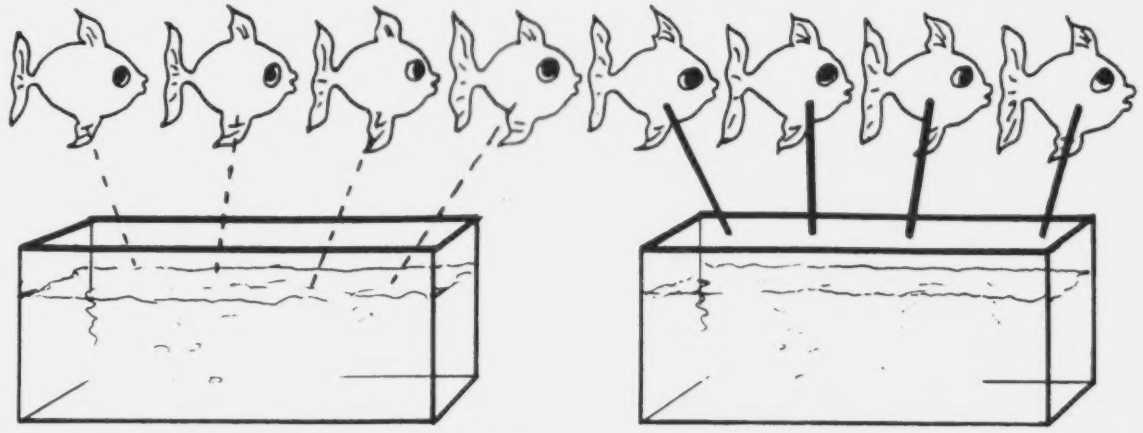
24 miles

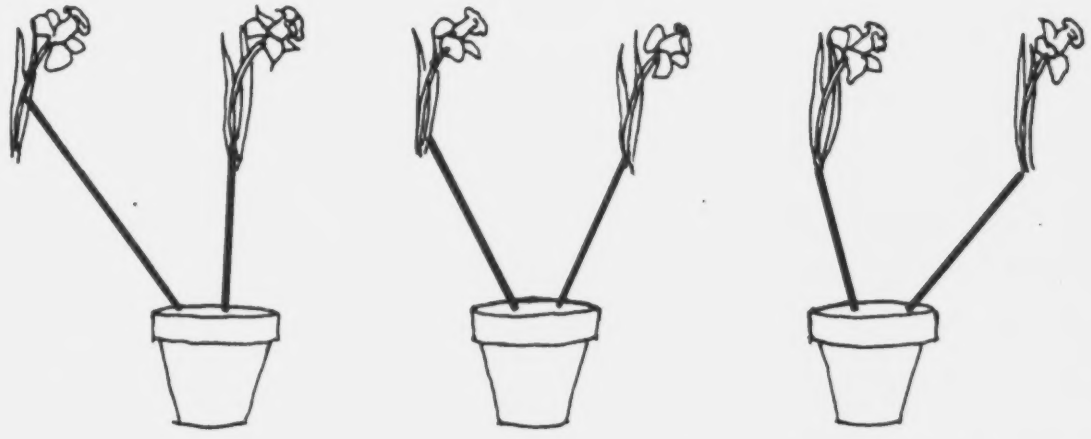
129

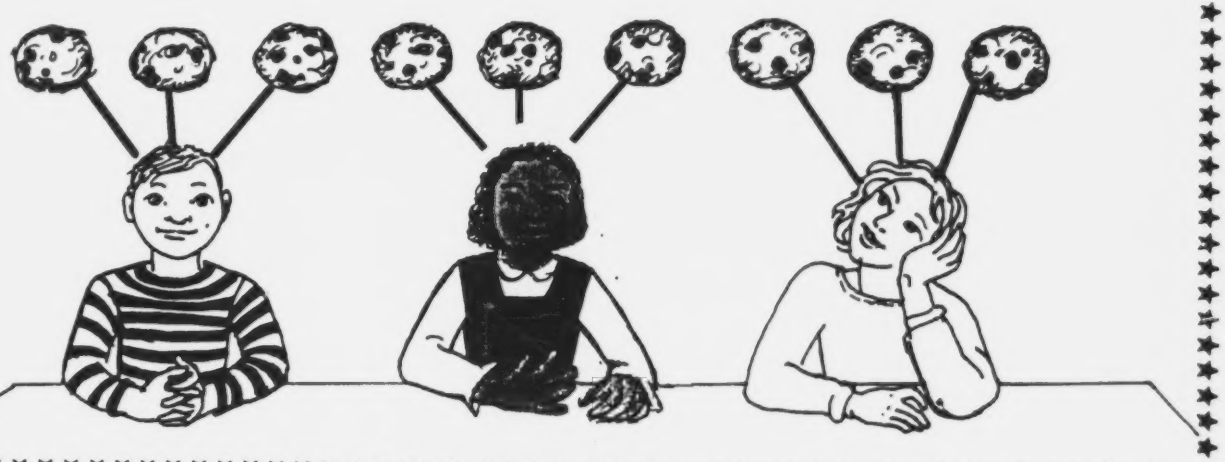
P.O. 2.05.01.01

NAME: _____ CLASS: _____ DATE: _____

Place an equal number of fish in each tank.
Place an equal number of flowers in each flower pot.
Give each student an equal number of cookies.







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P.O. 2.05.01.02

NAME:_____ CLASS:_____ DATE:_____

Solve each problem by using repeated subtraction.

1. You have 6¢.
How many 2¢ gumballs can you buy?

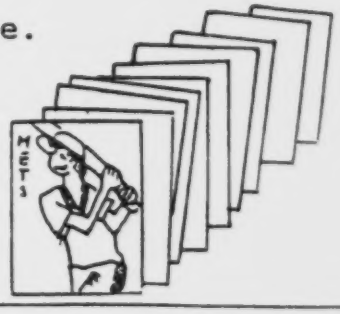
3 gumballs

6¢ − 2¢ = 4¢ → 4¢ − 2¢ = 2¢ → 2¢ − 2¢ = 0¢

2. You have 10 baseball cards.
You want to put 5 cards in each pile.
How many piles can you make?

2 piles

10 − 5 = 5 → 5 − 5 = 0



3. You have 9 lollipops.
You want to give 3 lollipops to each friend.
How many friends will get lollipops?

3 friends

9 − 3 = 6 → 6 − 3 = 3 → 3 − 3 = 0

DO YOU REMEMBER?

Solve	Check	Solve	Check
25 + 6 = 31	6 + 25 = 31	39 + 8 = 47	8 + 39 = 47

131

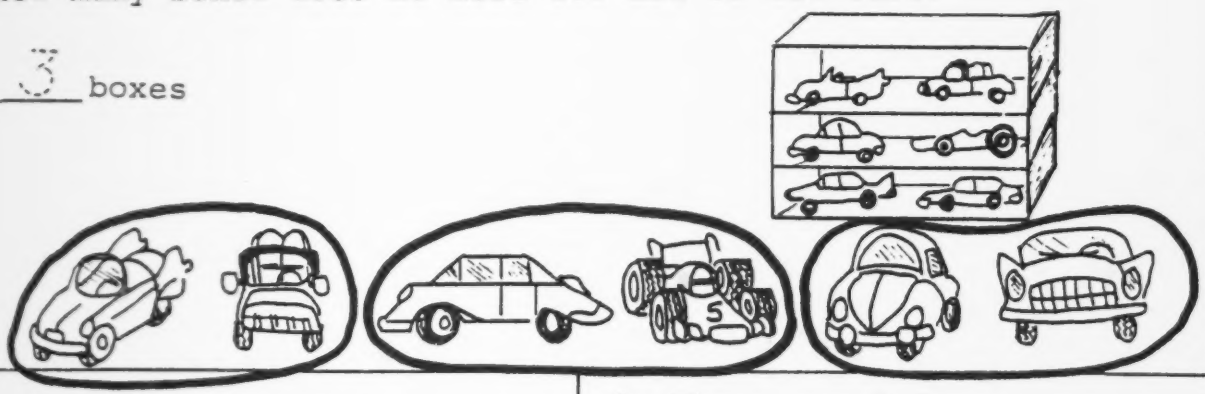
P.O. 2.05.01.03

NAME: _____ CLASS: _____ DATE: _____

Read and solve each story problem.

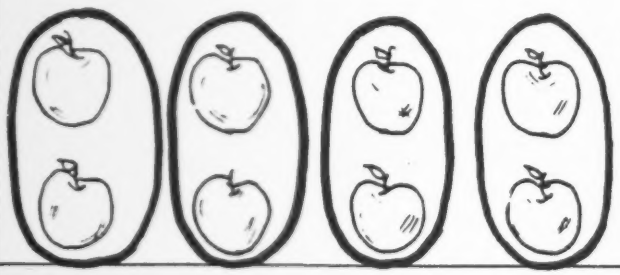
Jerry has 6 toy cars.
Each box can hold 2 cars.
How many boxes does he need for all of his cars?

3 boxes



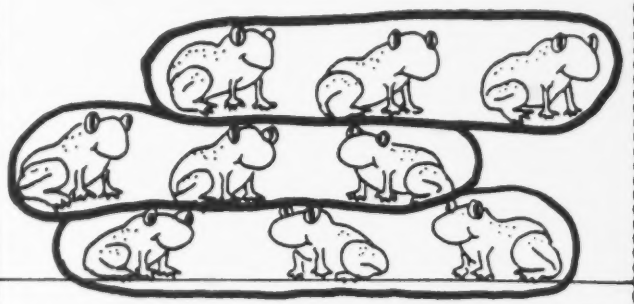
1. Mother has 8 apples. She can put 2 apples in each basket. How many baskets does she need?

4 baskets



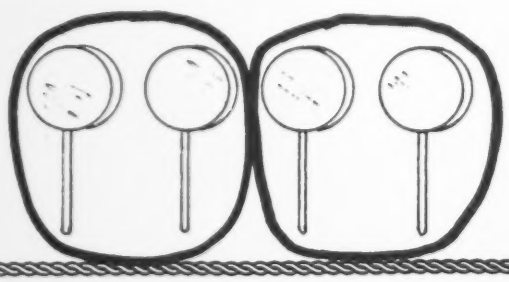
2. There are 9 frogs. Three frogs are on each log. How many logs are there?

3 logs



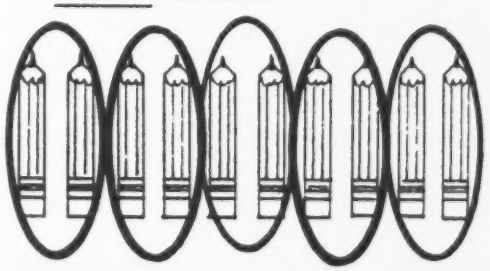
3. There are 4 lollipops. Each youngster gets 2 lollipops. How many youngsters are there?

2 youngsters



4. There are 10 pencils. Two pencils are in each box. How many boxes are there?

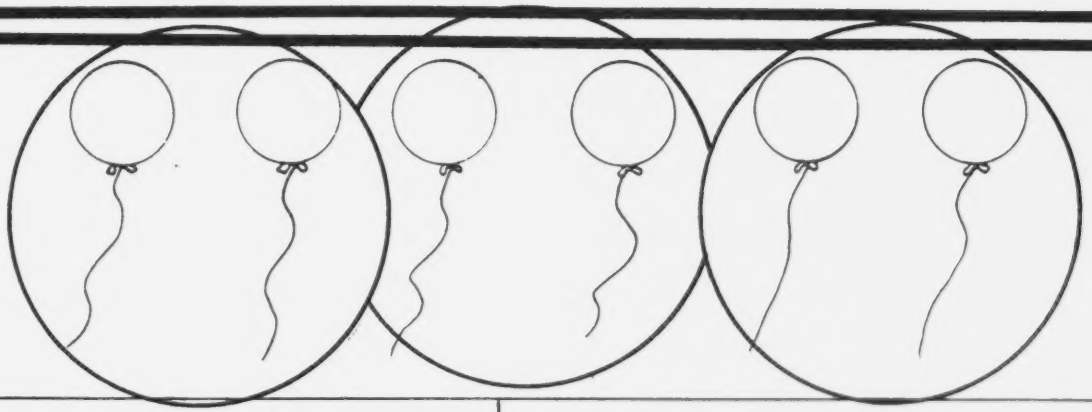
5 boxes

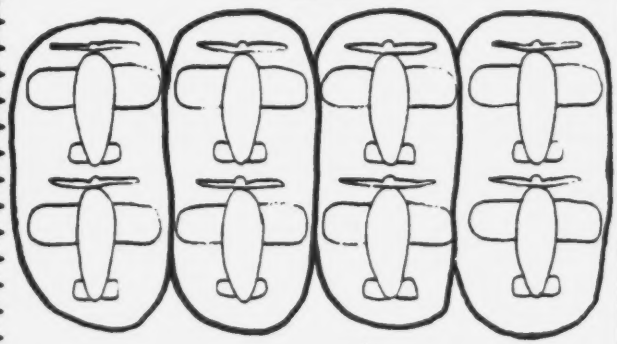


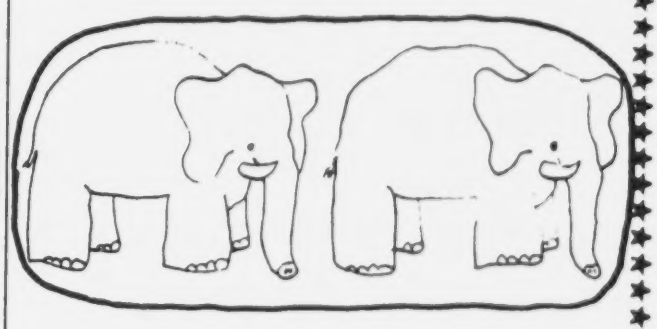
P.O. 2.05.02.01

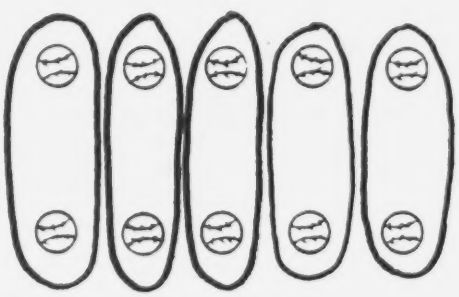
NAME: _____ CLASS: _____ DATE: _____

Circle groups of 2.









DO YOU REMEMBER?

Answers will vary.

This month is _____.

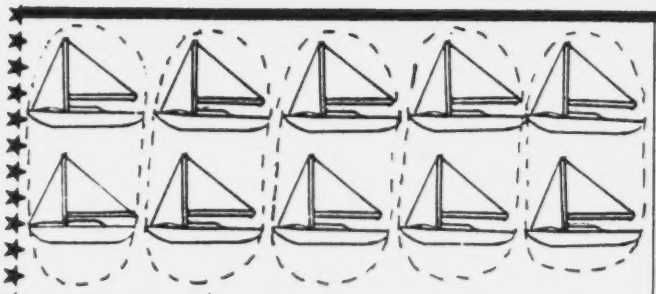
Last month was _____.

Next month will be _____.

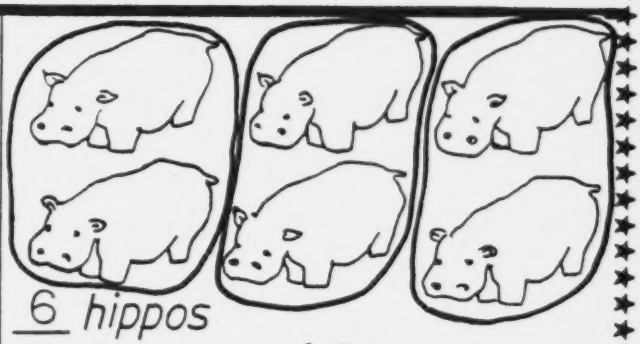
P.O. 2.05.02.02

NAME: _____ CLASS: _____ DATE: _____

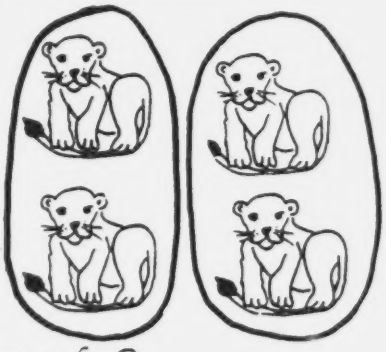
Count and write the number of objects on the top line. Circle groups of 2. Write the number of groups on the bottom line.



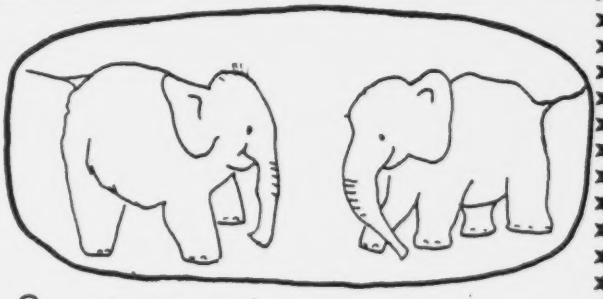
10 boats
5 groups of 2



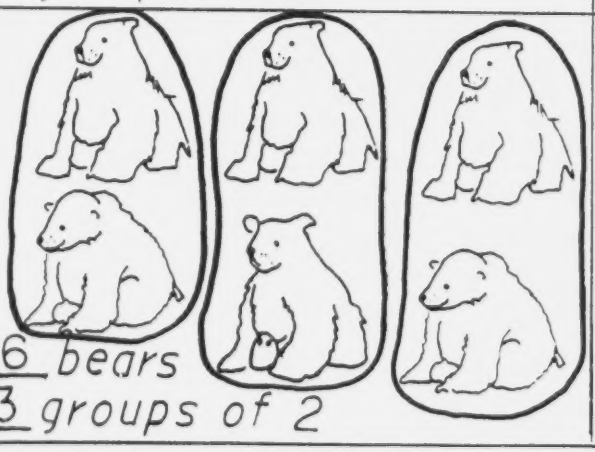
6 hippos
3 groups of 2



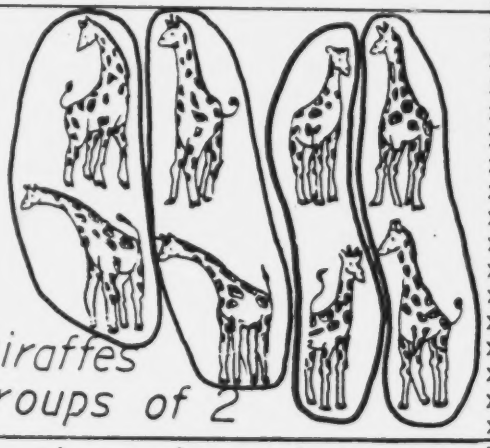
4 lions
2 groups of 2



2 elephants
1 group of 2



6 bears
3 groups of 2



8 giraffes
4 groups of 2

DO YOU REMEMBER?

Write the numbers that come one before and one after each number below.

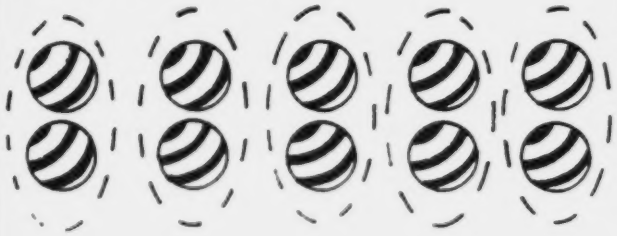
354, 355, 356 737, 738, 739 571, 572, 573

P.O. 2.05.02.03

NAME: _____ CLASS: _____ DATE: _____

Circle groups of two. Answer each question.

1. There are 10 balls. I want to put 2 balls in each box. How many boxes do I need?

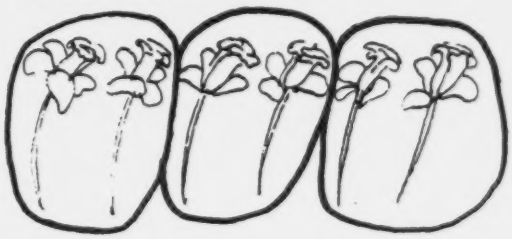


5 boxes

2. There are 4 lions. The zookeeper put 2 lions in each cage. How many cages did he need?

2 cages

3. Maria has 6 flowers. She put 2 flowers in each vase. How many vases did she need?



3 vases

4. Mrs. Jones has 8 chocolate chip cookies. She put 2 cookies on each plate. How many plates did she need?

4 plates

DO YOU REMEMBER?

Carl has 1 coin.
It is worth 3 dimes and
4 nickels.
Draw an X on the coin Carl has.

P.O. 2.10.07.01

NAME: _____ CLASS: _____ DATE: _____

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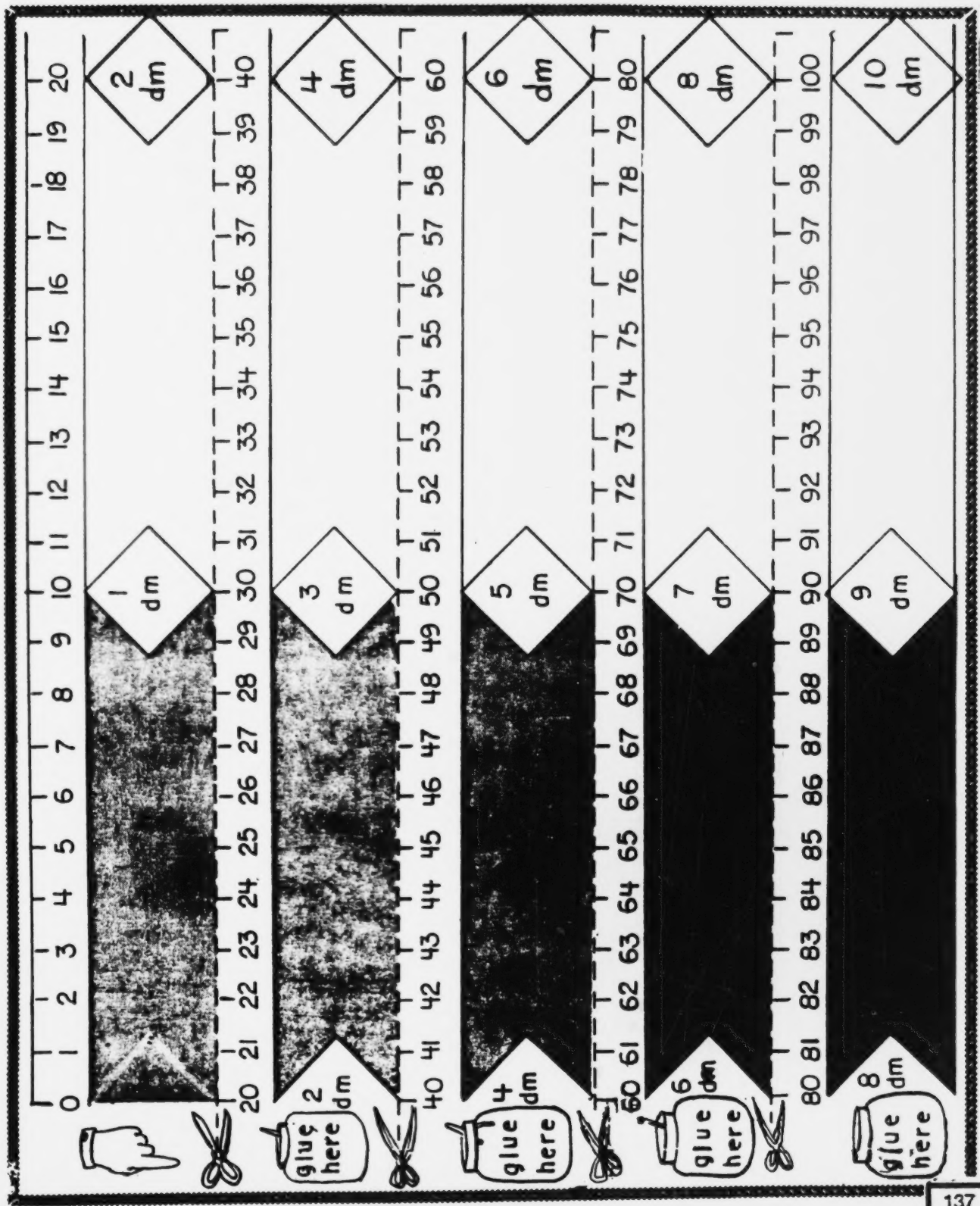
Cut each strip along the dotted line. Glue the strips together to make a meter stick.



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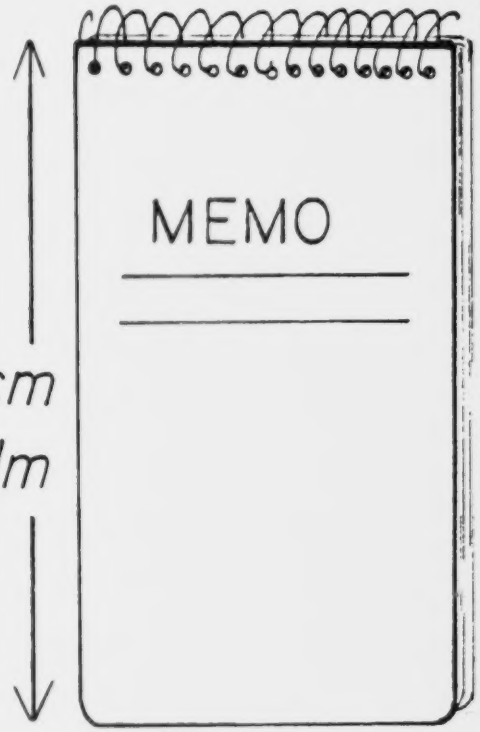
P.O. 2.10.07.03

NAME: _____ CLASS: _____ DATE: _____

Measure each item below in centimeters and decimeters.

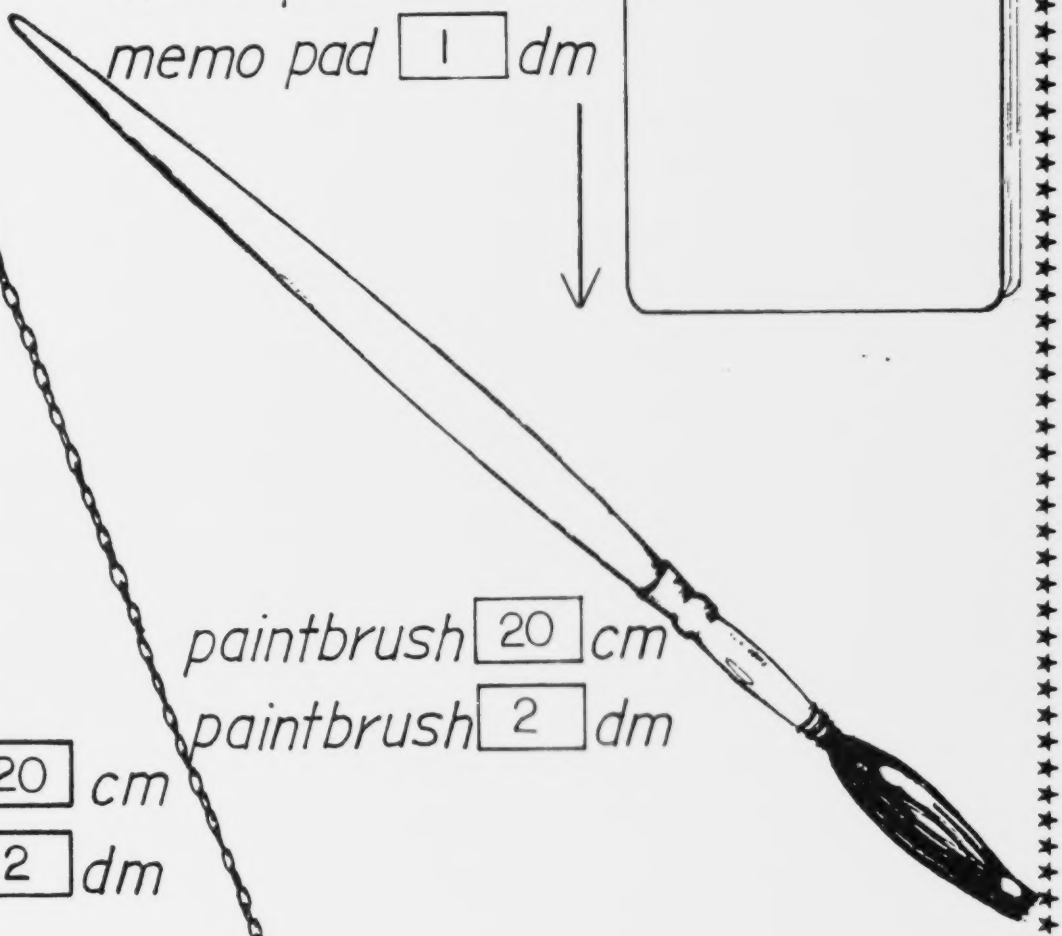
crayon [10] cm

crayon [1] dm



memo pad [10] cm

memo pad [1] dm



paintbrush [20] cm

paintbrush [2] dm

chain [20] cm

chain [2] dm

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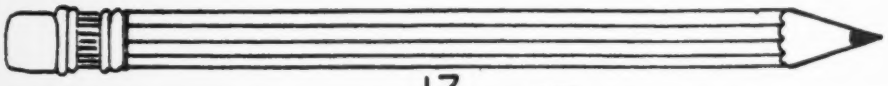
P.O. 2.10.07.04

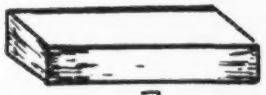
NAME:_____ CLASS:_____ DATE:_____

Read and solve each problem. A centimeter ruler is needed for problems A and B.

A.



13 cm

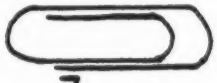


3 cm

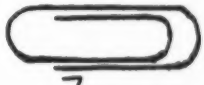
How much longer is the pencil than the eraser? 10 cm

B.

3 cm



3 cm



3 cm

What is the length of the three paper clips together? 9 cm

C.

The length of Tania's hair was 34 cm.
It grew 3 cm.
What is the length of Tania's hair now? 37 cm

D.

Juan is 15 dm tall.
Laura is 13 dm tall.
How much taller is Juan than Laura? 2 dm

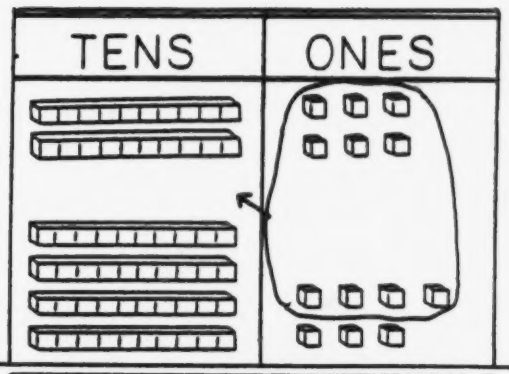
DO YOU REMEMBER?

11	14	17	15	12	13
-5	-8	-9	-8	-6	-9
6	6	8	7	6	4

P.O.2.02.05.01

NAME:_____ CLASS:_____ DATE:_____

Solve each example using expanded notation.



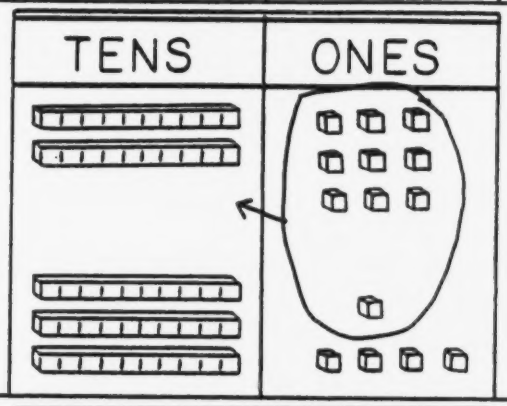
$$\begin{array}{r} 26 = 20+6 \\ +47 = +40+7 \end{array}$$

$$60+13 =$$

$$60+10+3 =$$

$$70+3 =$$

$$73$$



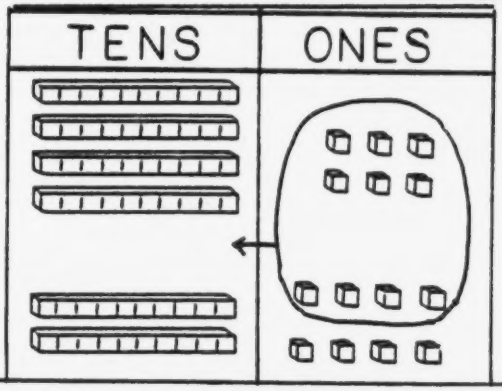
$$\begin{array}{r} 29 = 20+9 \\ +35 = +30+5 \end{array}$$

$$50+14 =$$

$$50+10+4 =$$

$$60+4 =$$

$$64$$



$$\begin{array}{r} 46 = 40+6 \\ +28 = +20+8 \end{array}$$

$$60+14 =$$

$$60+10+4 =$$

$$70+4 =$$

$$74$$

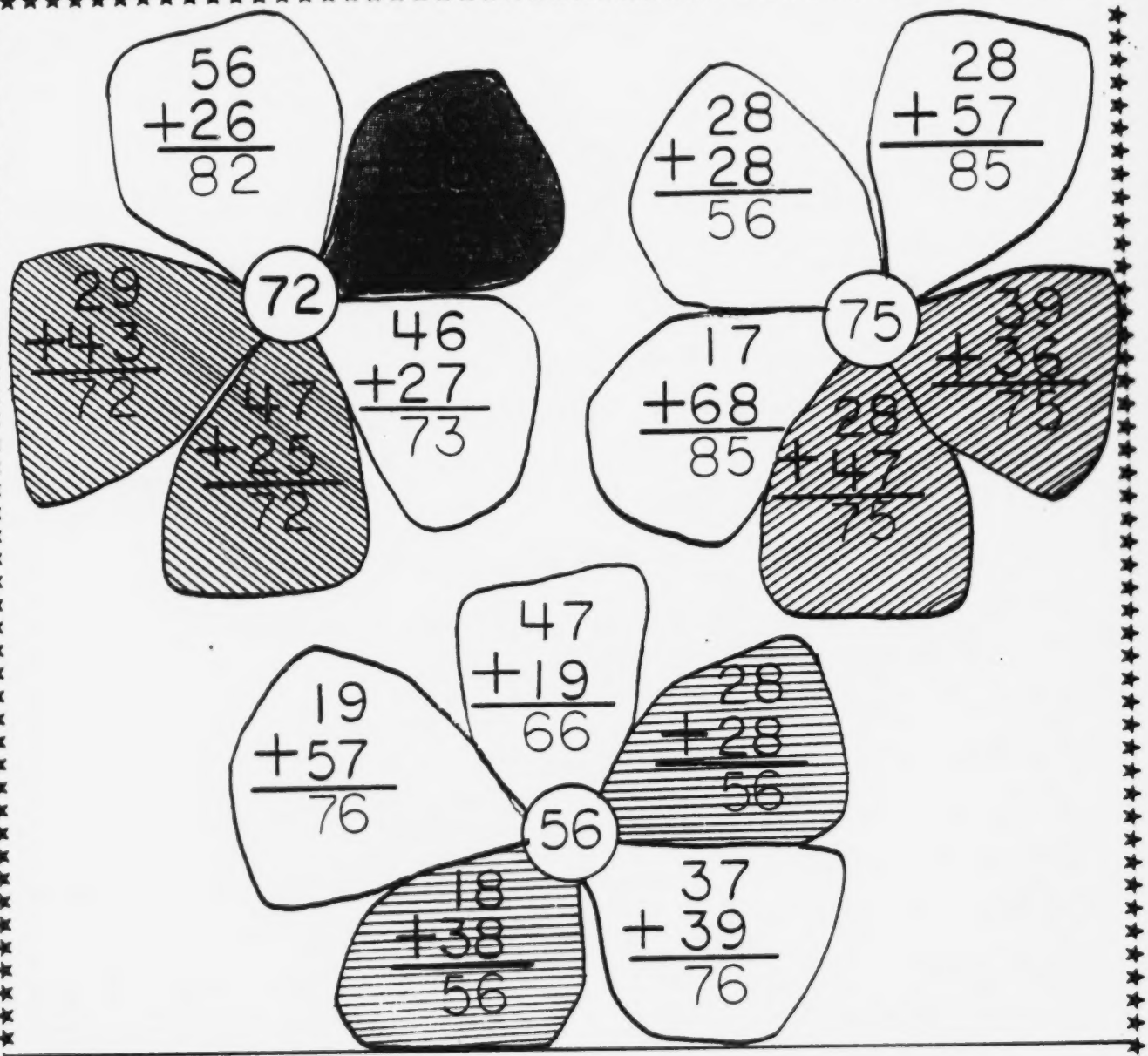
DO YOU REMEMBER ?

46	74	37	59	18	22	43
+ 5	+ 9	+ 8	+ 4	+ 6	+ 9	+ 7
51	83	45	63	24	31	50

P.O. 2.02.05.02

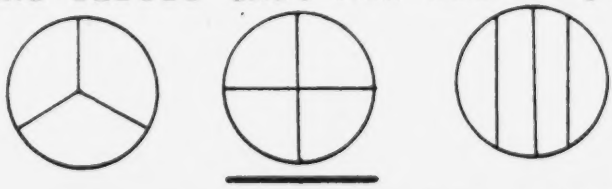
NAME: _____ CLASS: _____ DATE: _____

Solve each example. Color the petals with answers equal to the number in the center of the flower.



DO YOU REMEMBER?

Draw a line under the circle that has been separated into fourths.



P.O. 2.02.05.03

NAME: _____ CLASS: _____ DATE: _____

Solve each problem and check. Write your answer in the blank space.

There were 36 boys and 27 girls at the circus. How many youngsters were at the circus?

63 youngsters

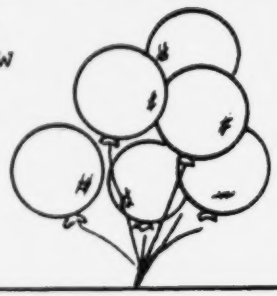
Solve	Check
36 +27	27 +36

Ann saw 24 fat clowns and 17 thin clowns. How many clowns did she see in all?

41 clowns

Solve	Check

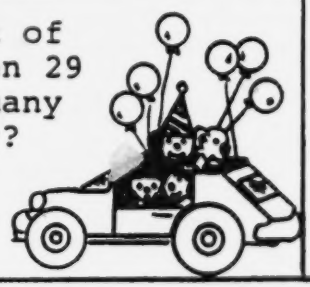
I counted 27 pink balloons and 37 purple balloons. How many balloons did I count?



64 balloons

Solve	Check

Tony saw 17 people get out of the little circus car. Then 29 more people got out. How many people had been in the car?

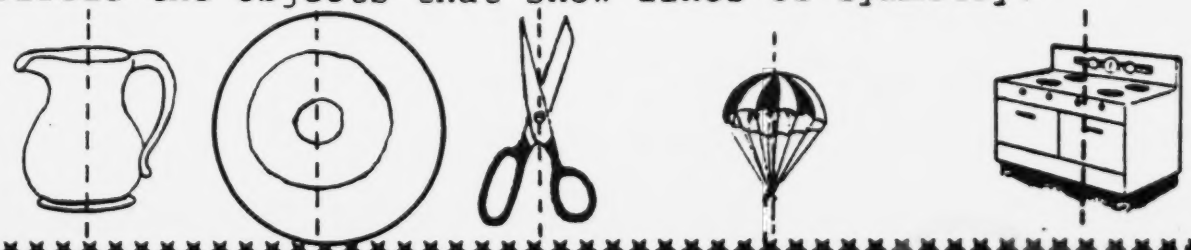


46 people

Solve	Check

DO YOU REMEMBER?

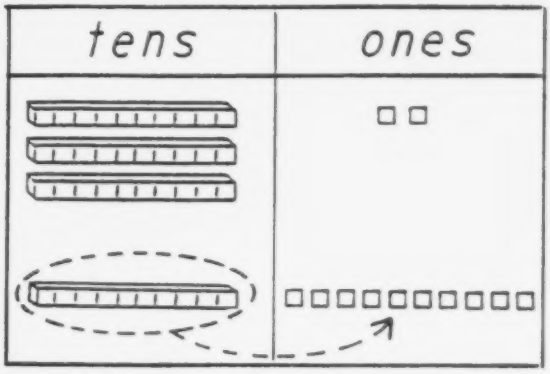
Circle the objects that show lines of symmetry.



P.O. 2.03.05.01

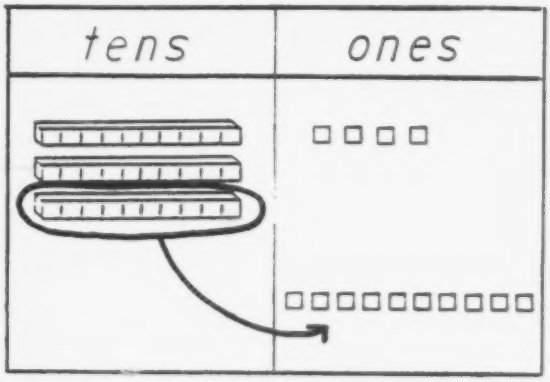
NAME: _____ CLASS: _____ DATE: _____

As you solve each example, regroup the squared material.



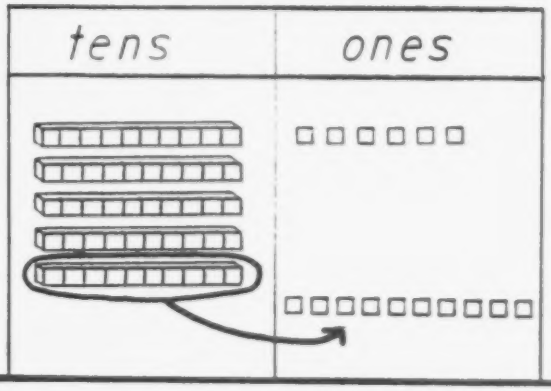
$$\begin{array}{r} 42 \\ -26 \end{array} = \begin{array}{r} 40+2 \\ -(20+6) \end{array} = \begin{array}{r} 30+12 \\ -(20+6) \end{array}$$

$$10+6 = 16$$



$$\begin{array}{r} 34 \\ -18 \end{array} = \begin{array}{r} 30+4 \\ -(10+8) \end{array} = \begin{array}{r} 20+14 \\ -(10+8) \end{array}$$

$$\boxed{10}+\boxed{6} = \boxed{16}$$



$$\begin{array}{r} 56 \\ -27 \end{array} = \begin{array}{r} 50+6 \\ -(20+7) \end{array} = \begin{array}{r} 40+16 \\ -(20+7) \end{array}$$

$$\boxed{20}+\boxed{9} = \boxed{29}$$

DO YOU REMEMBER?

Favorite Pets

Pet	Students
dog	12
cat	7
bird	6

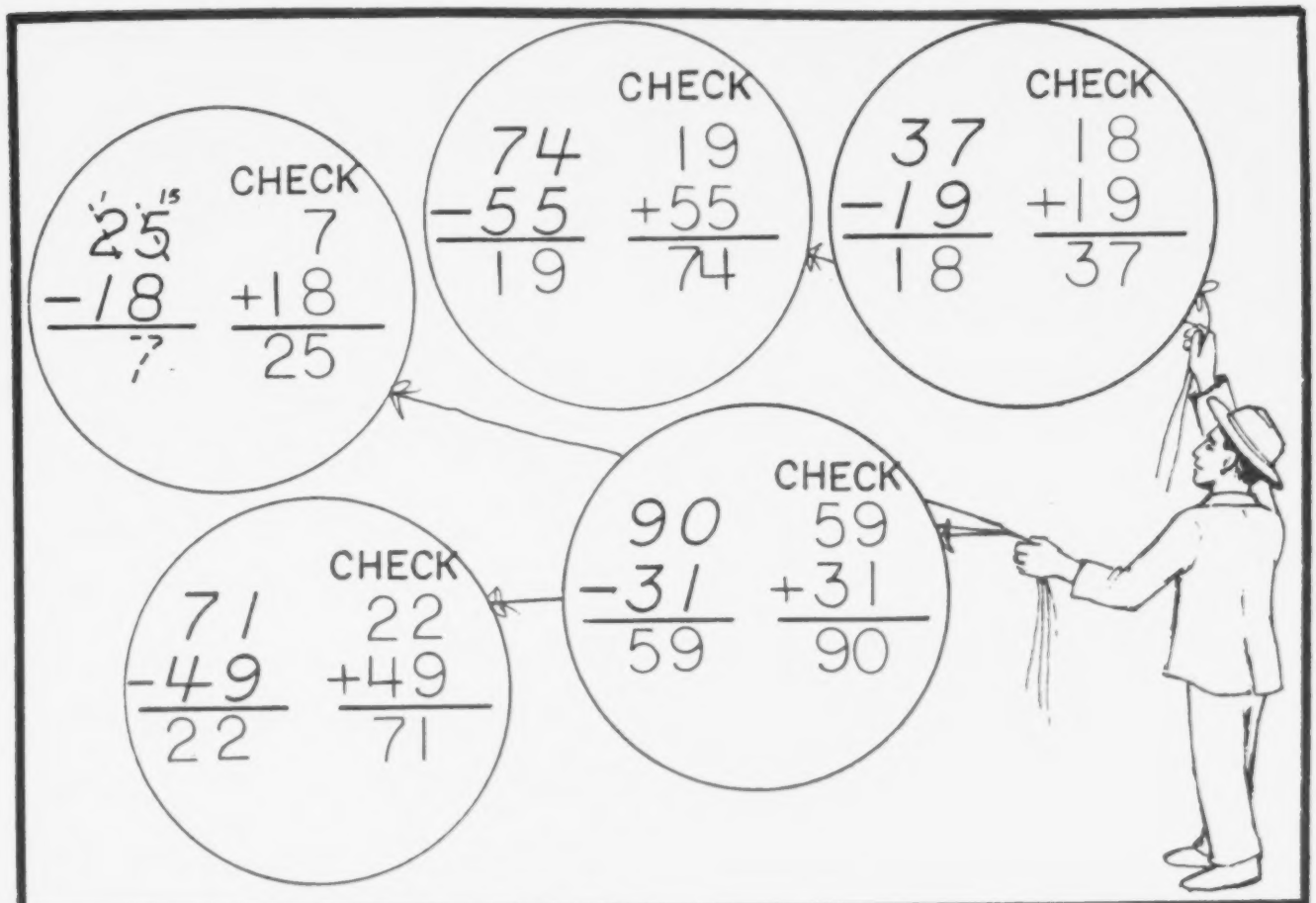
How many students like dogs? 12

How many more students like cats than birds? 1

P.O. 2.03.05.02

NAME: _____ CLASS: _____ DATE: _____

Solve and check each example.



DO YOU REMEMBER?

Cut along the dotted lines. Match the tails to the heads.

P.O. 2.03.05.03

NAME: _____ CLASS: _____ DATE: _____

Solve each problem. Check the answers.

Lorraine had 23¢ and spent 16¢.
She has [7¢] left.

SOLVE CHECK

$$\begin{array}{r} 23¢ \\ -16¢ \\ \hline 7¢ \end{array} \qquad \begin{array}{r} [7]¢ \\ +16¢ \\ \hline 23¢ \end{array}$$

Tommy had 45¢ and spent 27¢.
He has [18¢] left.

SOLVE CHECK

Robert had 96¢ and spent 37¢.
He has [59¢] left.

SOLVE CHECK

Maria had 58¢ and spent 29¢.
She has [29¢] left.

SOLVE CHECK

P.O. 2.03.05.04

NAME: _____ CLASS: _____ DATE: _____

Help the students solve the problems.
Check each answer.

Cathy had 75¢.
She spent 37¢.
How much money did she have left?

Solve

$$\begin{array}{r} 7\,\overset{6}{\not{5}}\,\overset{15}{5}\,¢ \\ -\,3\,7\,¢ \\ \hline 3\,8\,¢ \text{ left} \end{array}$$

Check

$$\begin{array}{r} {\scriptstyle 1\ 1} \\ 3\,8 \\ +\,3\,7 \\ \hline 7\,5 \end{array}$$

Jose bought 32 cupcakes for his birthday party. Each of 25 students ate a cupcake. How many cupcakes were left?

Solve

Check

7 cupcakes

Louis had 43 baseball cards. He lost 17 cards. How many cards does Louis have left?

Solve

Check

26 cards

There are 26 students in Miriam's class. 18 are girls. How many are boys?

Solve

Check

8 are boys

DO YOU REMEMBER?

3, 5, 8	
3+5=8	8-5=3
5+3=8	8-3=5

4, 3, 7	
4+3=7	7-3=4
3+4=7	7-4=3

3, 2, 5	
3+2=5	5-2=3
2+3=5	5-3=2

7, 2, 9	
7+2=9	9-2=7
2+7=9	9-7=2

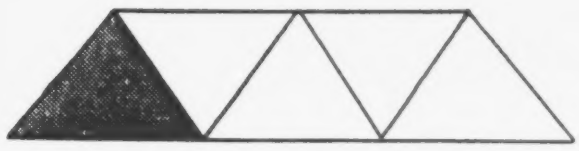
6, 2, 8	
6+2=8	8-2=6
2+6=8	8-6=2

1, 7, 8	
1+7=8	8-7=1
7+1=8	8-1=7

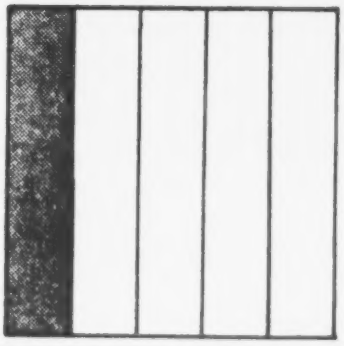
P.O. 2.06.01.01

NAME:_____ CLASS:_____ DATE:_____

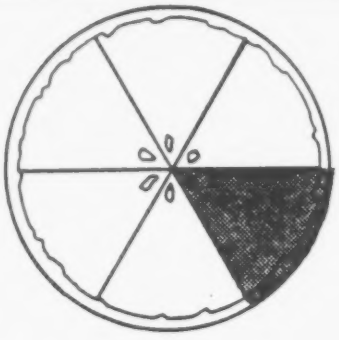
Write the fraction which names the shaded part.



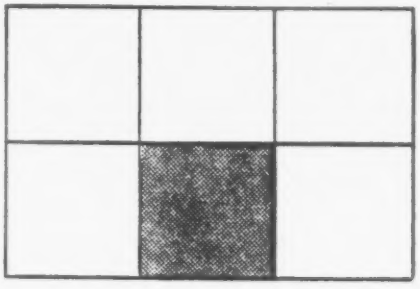
$\frac{1}{5}$



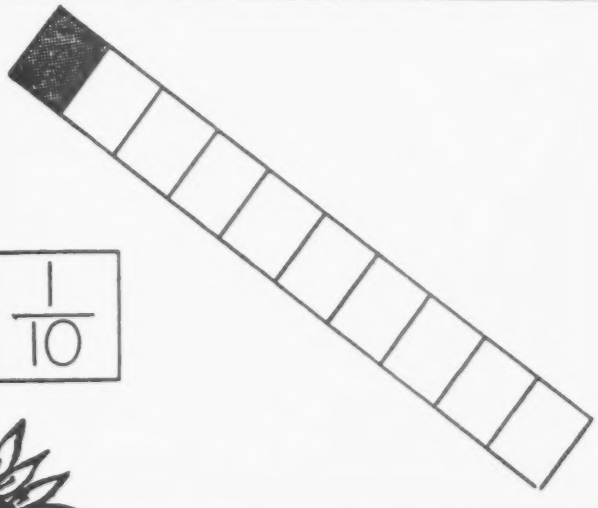
$\frac{1}{5}$



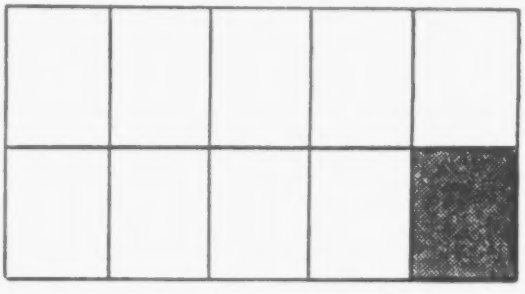
$\frac{1}{6}$



$\frac{1}{6}$



$\frac{1}{10}$

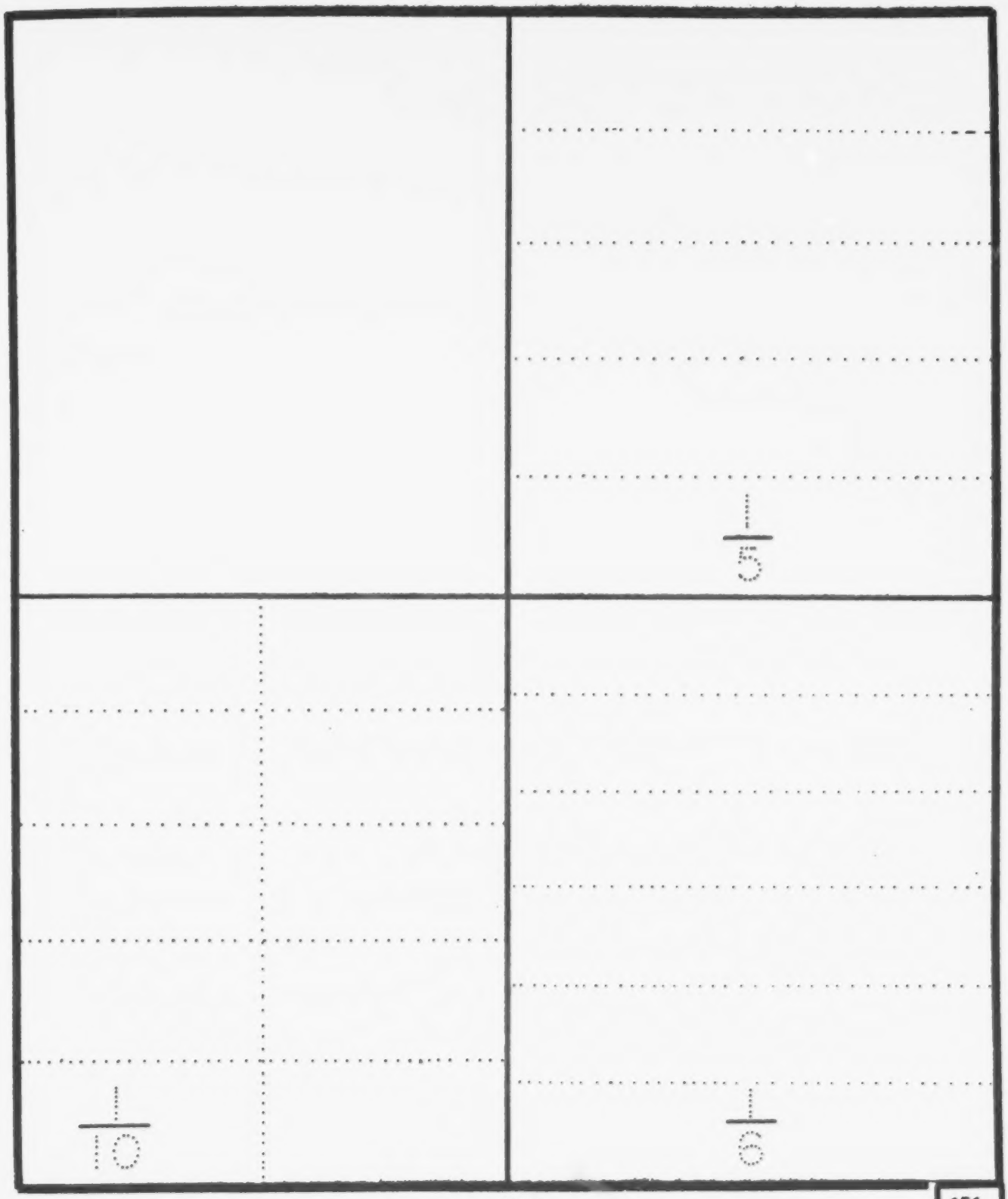


$\frac{1}{10}$

P.O. 2.06.01.02

NAME:_____ CLASS:_____ DATE:_____

Cut out the four rectangles along the heavy, dark lines.
Then cut three rectangles into fractional parts along the dotted lines.



P.O. 2.06.01.03

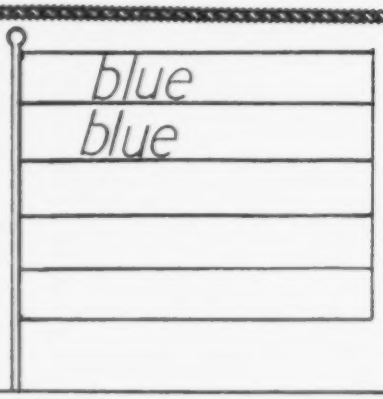
NAME: _____ CLASS: _____ DATE: _____

Read each problem. Answer the questions.

Color $\frac{2}{5}$ of the flag blue.

If $\frac{2}{5}$ of the flag is blue,

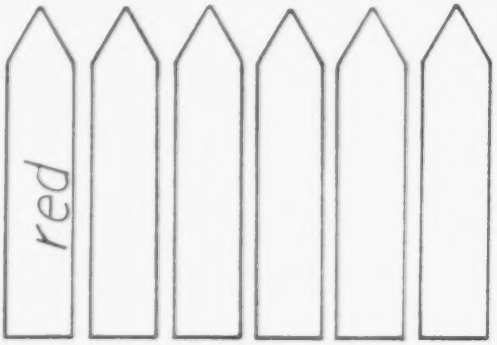
what part is not blue? $\frac{3}{5}$



Color $\frac{1}{6}$ of the fence red.

If $\frac{1}{6}$ of the fence is red,

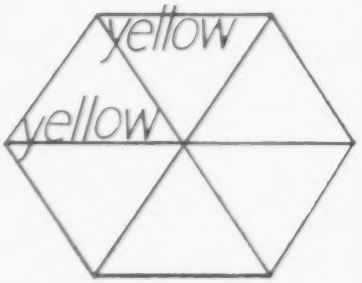
what part is not red? $\frac{5}{6}$



Color $\frac{2}{6}$ of the gameboard yellow.

If $\frac{2}{6}$ of the gameboard is yellow,

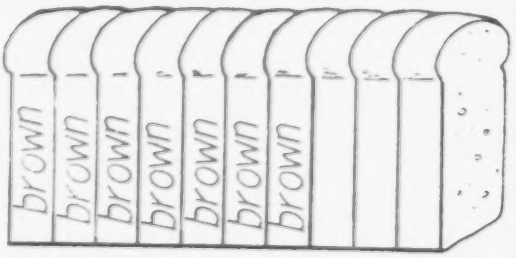
what part is not yellow? $\frac{4}{6}$



Color $\frac{7}{10}$ of the bread brown.

If $\frac{7}{10}$ of the bread is brown,

what part is not brown? $\frac{3}{10}$



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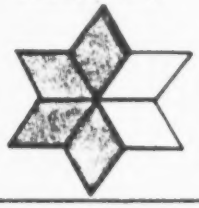
P.O. 2.06.01.04

NAME:_____ CLASS:_____ DATE:_____

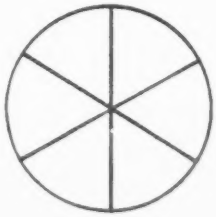
Solve each problem.

1. John made a design. He shaded $\frac{4}{6}$ of the design. What part of the design is not shaded?



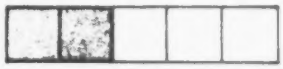
$\frac{2}{6}$ not shaded

2. James cut a pizza into 6 equal parts. What is each part called?



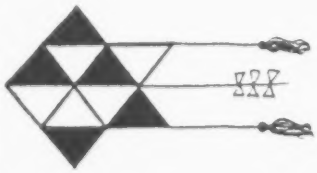
$\frac{1}{6}$

3. Mary divided her granola bar into 5 equal parts. She ate $\frac{2}{5}$ of it. What part did she save?



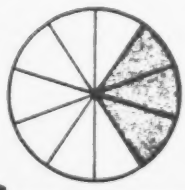
$\frac{3}{5}$

4. Jerry has a kite. $\frac{5}{10}$ of the kite is black. What part is not black?



$\frac{5}{10}$

5. A pie was cut into 10 equal pieces. If 3 pieces were eaten, what part of the pie was left?



$\frac{7}{10}$

6. Mrs. Johnson shaded $\frac{6}{10}$ of her design. What part is not shaded?

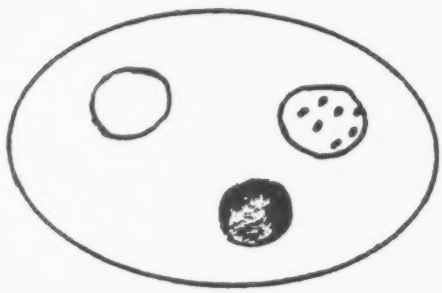
$\frac{4}{10}$

P.O. 2.12.03.01

NAME: _____ CLASS: _____ DATE: _____

Read the story and answer the questions.

Mother baked cookies.
1 vanilla, 1 chocolate, and
1 chocolate chip were left
on the plate.



Close your eyes and pretend to choose a cookie.

1. What are your chances of choosing the vanilla cookie?

   1 out of 3

2. What are your chances of choosing the chocolate cookie?

   1 out of 3

3. What are your chances of choosing the chocolate chip cookie?

   1 out of 3

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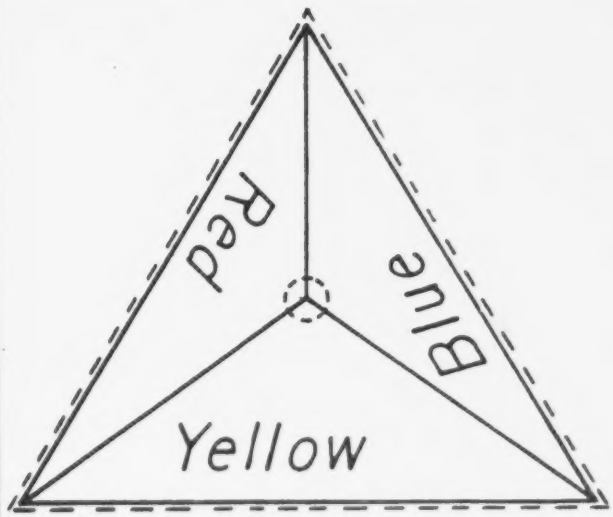
P.O. 2.12.03.02

NAME: _____ CLASS: _____ DATE: _____

Follow the directions below.



HOW TO MAKE A SPINNER

1. Color each section of the triangle.
2. Cut out the triangle along the dotted lines.
3. Paste the triangle to a piece of cardboard the same size.
4. Place a pencil through the dot in the center of the triangle.

TALLYING THE OUTCOMES

Answers will vary.

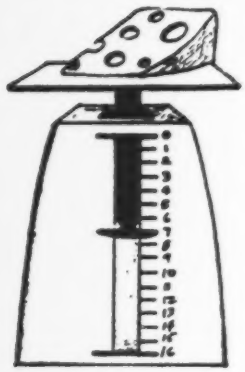
Red	Yellow	Blue

1. Spin the spinner.
2. On which color did it land? _____
3. Place a tally mark on the chart under the color on which it landed.
4. Spin the spinner 14 more times and tally the outcomes on the chart.
5. Which color did you spin most often? _____
6. Which color did you spin least often? _____
7. Compare your results with those of another student.

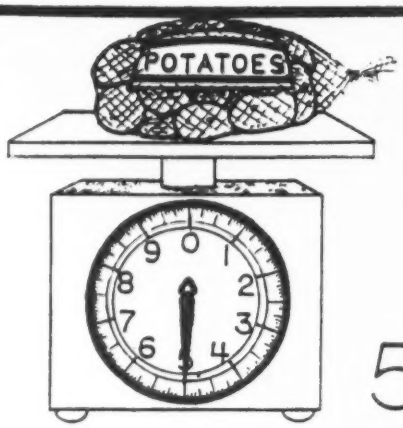
P.O. 2.10.08.01

NAME: _____ CLASS: _____ DATE: _____

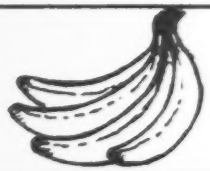
Look at each picture.
Decide whether each would be weighed in ounces or pounds.
Check the correct box next to each picture.



7 oz.



5 lbs.

	oz.	lbs.
		✓
		✓
	✓	
	✓	

DO YOU REMEMBER?

Little Red Riding Hood brought 12 apples and 9 bananas to her grandma. How many pieces of fruit all together did she bring to her grandma?

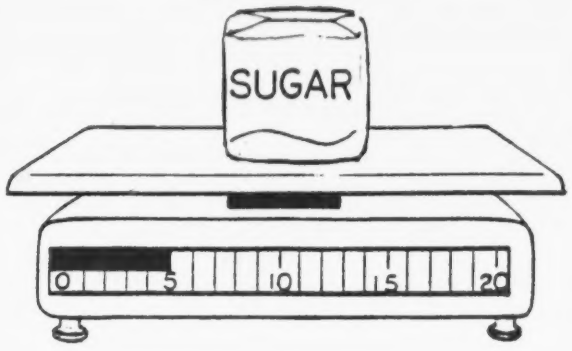
Solve	Check
12	9
+ 9	+12
21	21

159

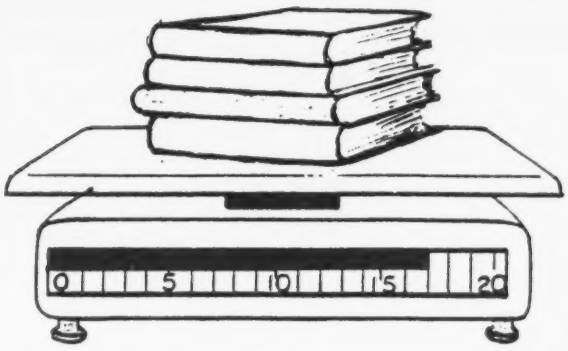
P.O. 2.10.08.02

NAME: _____ CLASS: _____ DATE: _____

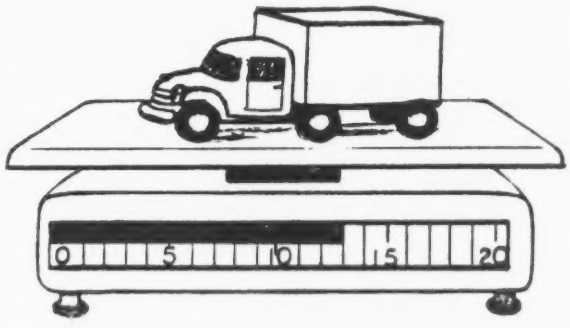
Write the weight of each item in pounds.



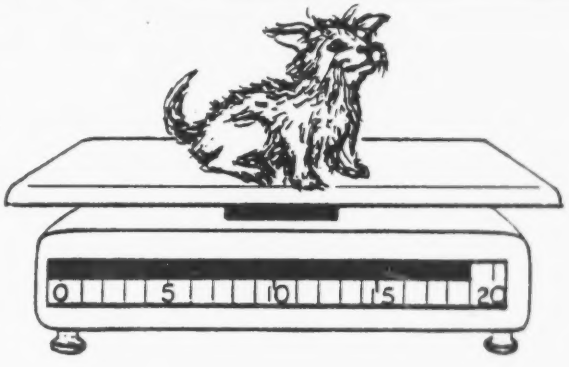
5 lbs.



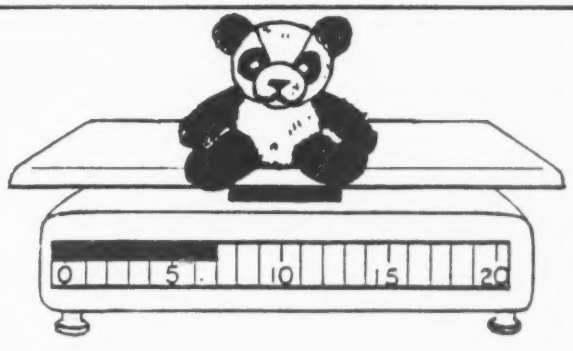
17 lbs.



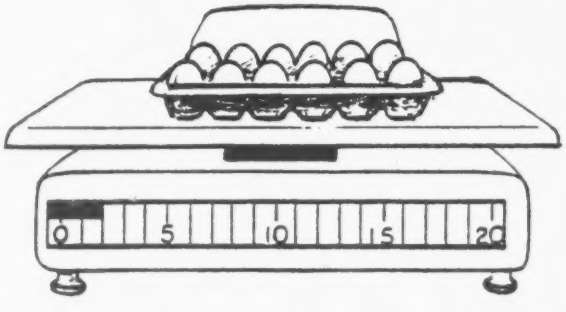
13 lbs.



19 lbs.



7 lbs.



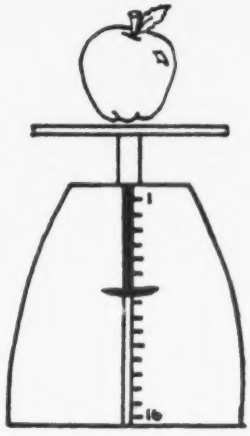
21 lbs.

160

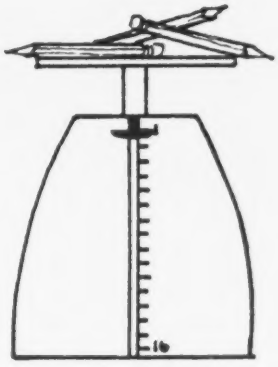
P.O. 2.10.08.02

NAME: _____ CLASS: _____ DATE: _____

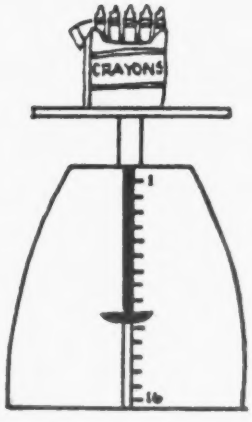
Find the weight of each item in ounces.



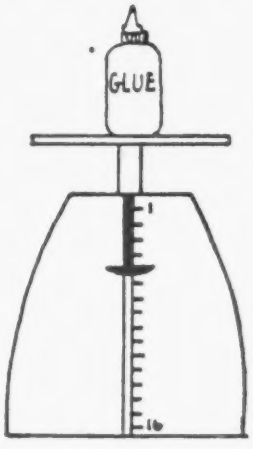
7 oz.



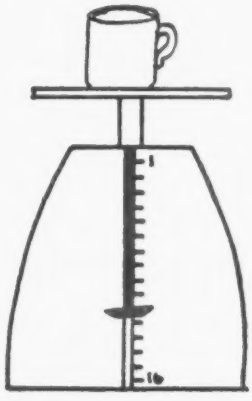
1 oz.



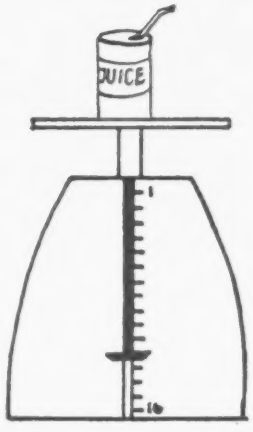
10 oz.



5 oz.



11 oz.



12 oz.

161

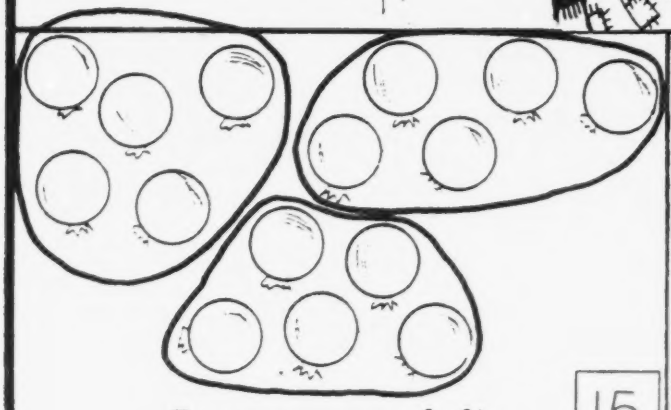
P.O. 2.04.02.01

NAME: _____ CLASS: _____ DATE: _____

Circle groups of five balloons and write the total number of balloons in each picture.

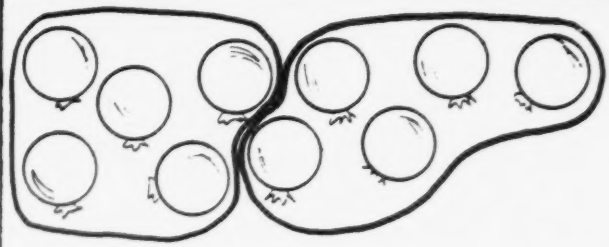
1 group of five = 5

1 x 5 = 5



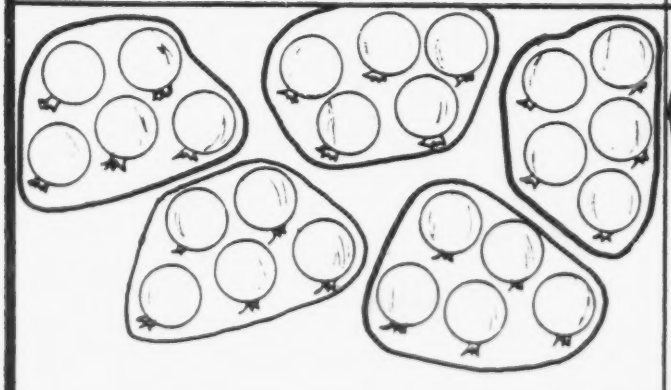
3 groups of five = 15

3 x 5 = 15



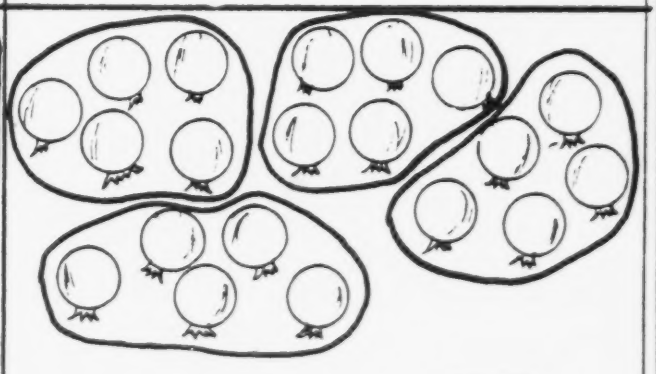
2 groups of five = 10

2 x 5 = 10



5 groups of five = 25

5 x 5 = 25



4 groups of five = 20

4 x 5 = 20

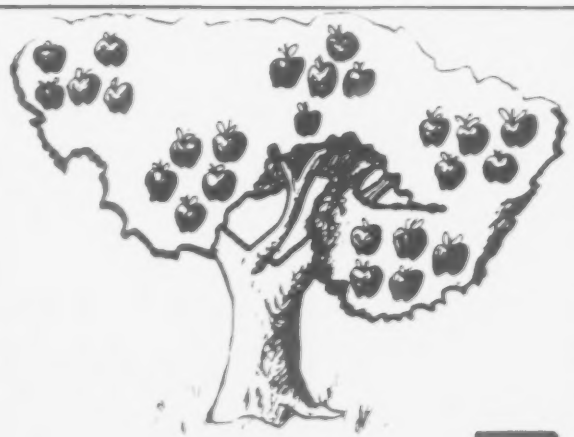
P.O. 2.04.02.02

NAME: _____ CLASS: _____ DATE: _____

Count the apples on the trees.

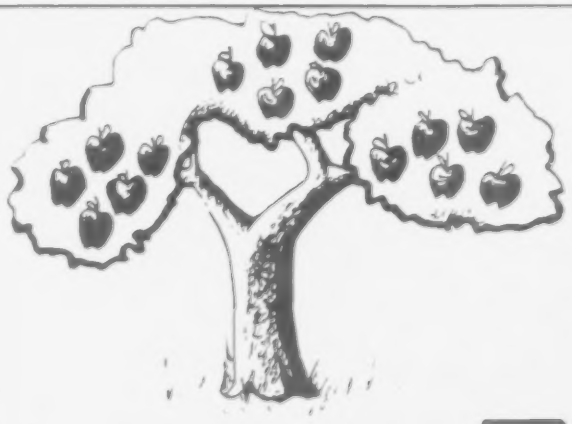
1 group of five = 5

2 groups of five = 10



5 groups of five = 25

4 groups of five = 20



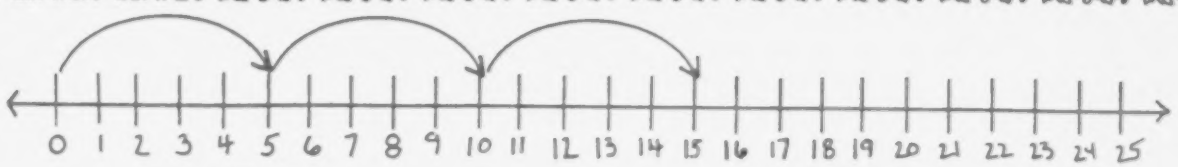
3 groups of five = 15

163

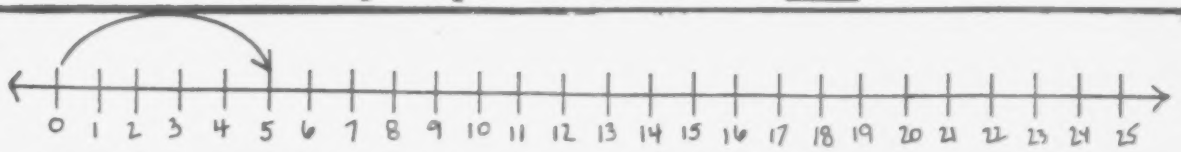
P.O. 2.04.02.03

NAME: _____ CLASS: _____ DATE: _____

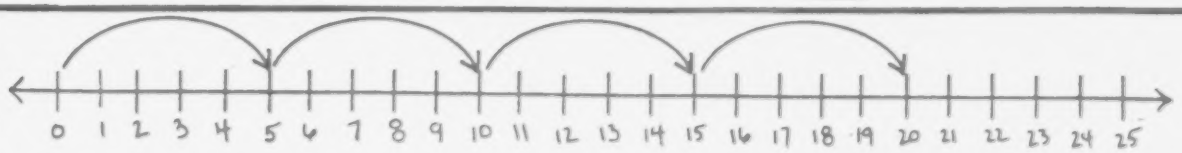
Use the number lines to count by fives.



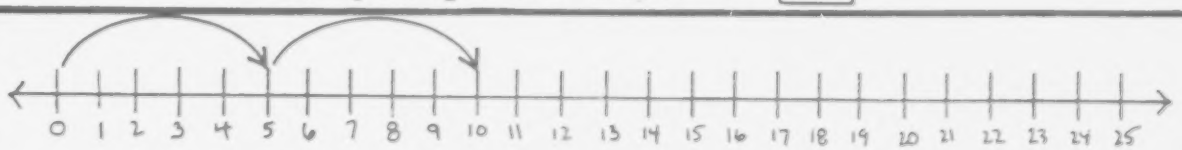
3 groups of five = 15



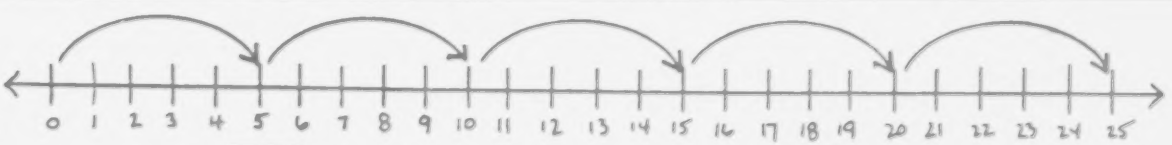
1 group of five = 5



4 groups of five = 20



2 groups of five = 10



5 groups of five = 25

DO YOU REMEMBER?

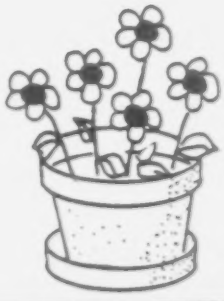
Place an X on each odd number.

~~321~~ 432 ~~169~~ ~~563~~ 144

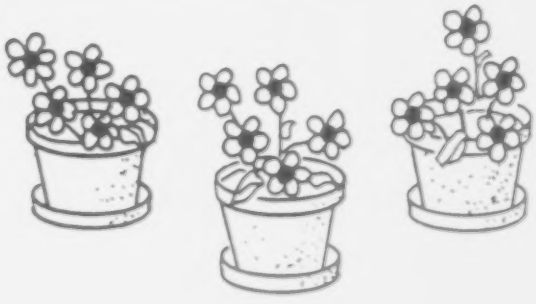
P.O. 2.04.02.04

NAME: _____ CLASS: _____ DATE: _____

How many flowers are in the flower pots?

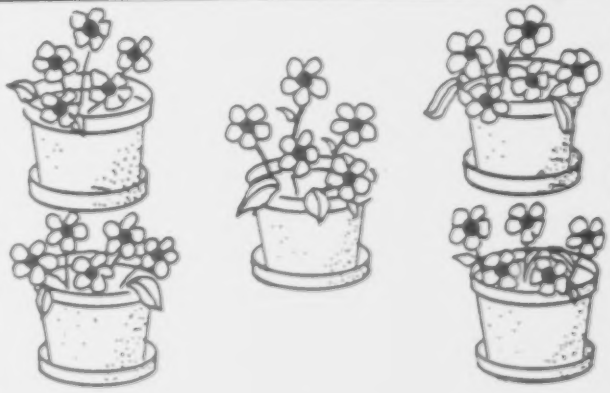


$1 \times 5 = \boxed{5}$



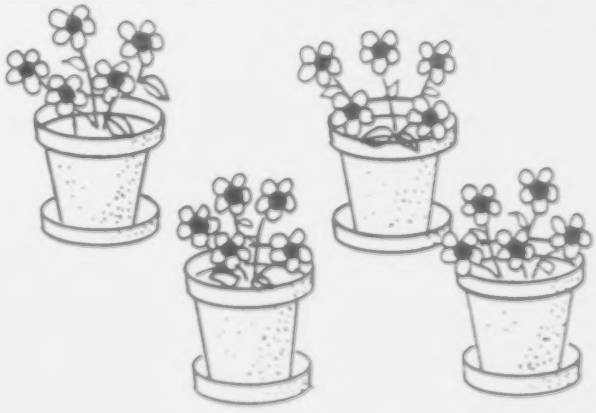
$5+5+5 = \boxed{15}$

$3 \times 5 = \boxed{15}$



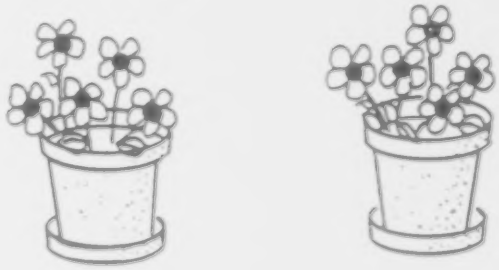
$5+5+5+5+5 = \boxed{25}$

$5 \times 5 = \boxed{25}$



$5+5+5+5 = \boxed{20}$

$4 \times 5 = \boxed{20}$



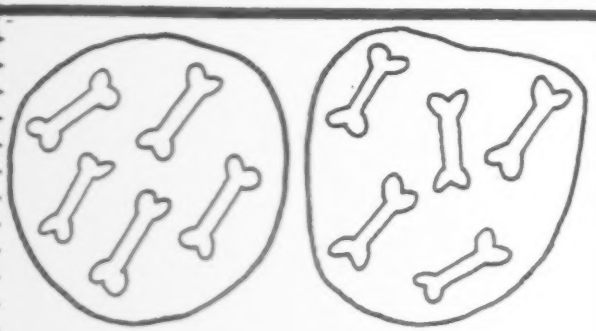
$5+5 = \boxed{10}$

$2 \times 5 = \boxed{10}$

P.O. 2.05.03.01

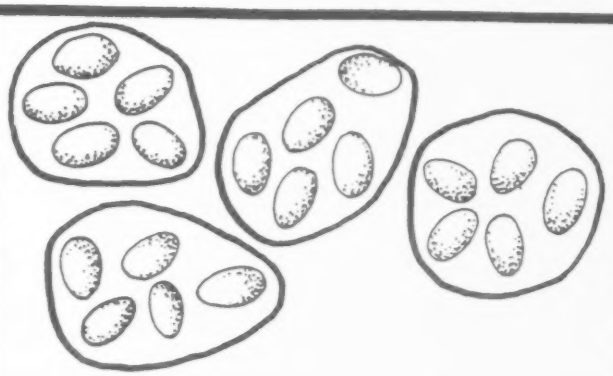
NAME: _____ CLASS: _____ DATE: _____

Draw a ring around each group of five.
Write the missing numerals.



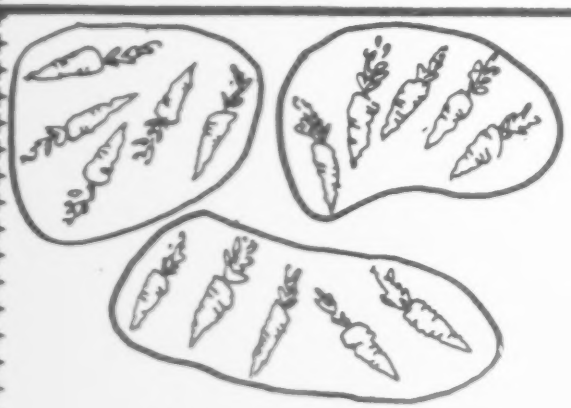
10 bones

2 groups of five



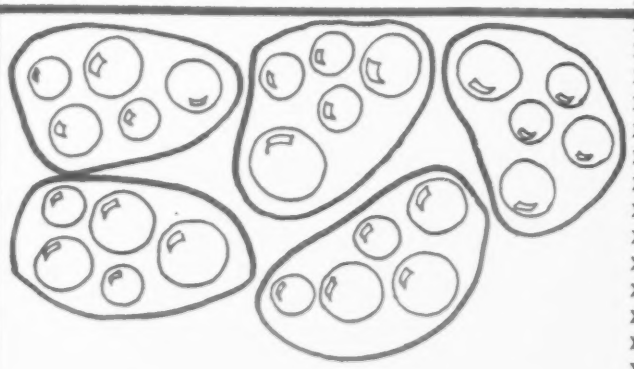
20 eggs

4 groups of five



15 carrots

3 groups of five



25 bubbles

5 groups of five

DO YOU REMEMBER?

Count by ones.

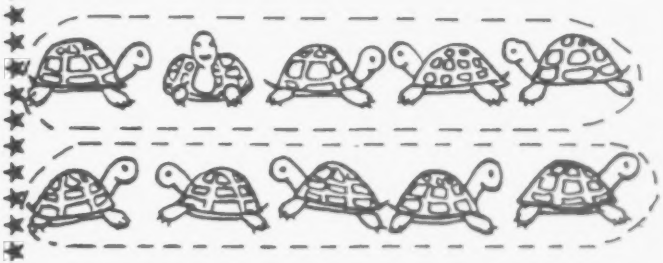
298, 299, 300, 301

599, 600, 601, 602

P.O. 2.05.03.02

NAME: _____ CLASS: _____ DATE: _____

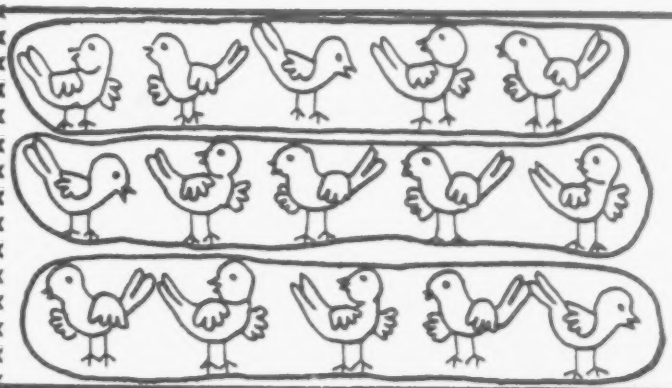
Circle each group of five.
Write the numeral which tells how many groups you made.



10 in all.

5 in each group.

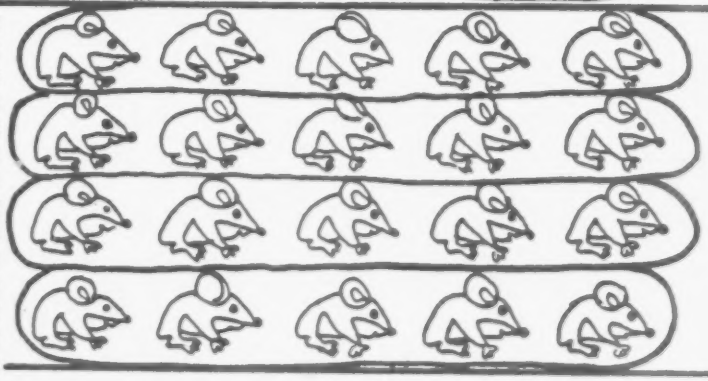
[2] groups of five.



15 in all.

5 in each group.

[3] groups of five.



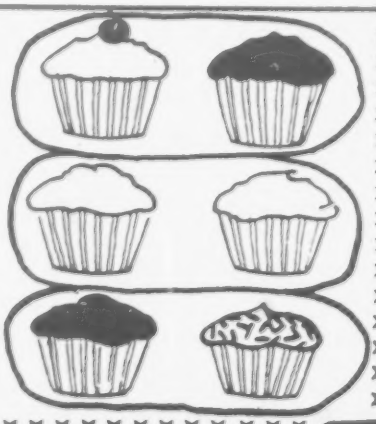
20 in all.

5 in each group.

[4] groups of five.

DO YOU REMEMBER?

Mother baked 6 cupcakes.
She put 2 cupcakes on each plate.
How many plates did she need?

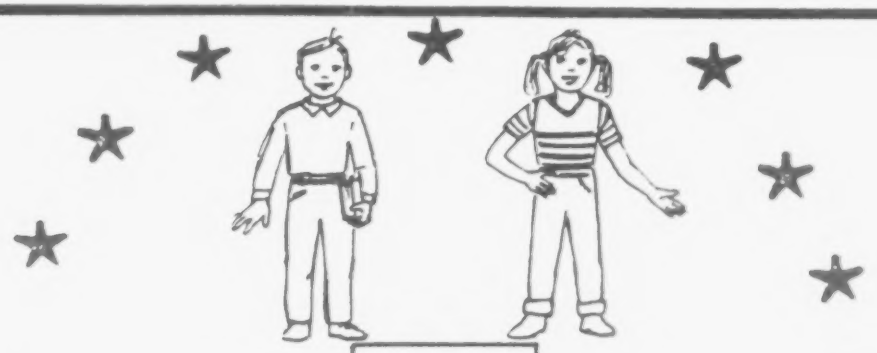


3 plates

P.O. 2.05.03.03

NAME:_____ CLASS:_____ DATE:_____

As you solve each problem, find its answer at the bottom of the page.
Write the letter of the problem on the line above the answer.
Write the secret word in the box to complete the sentence.



We are super stars!

U

Diana has 15 pencils to place in boxes. If 5 pencils are placed in each box, how many boxes are needed? 3 boxes

E

John has 10 toy trucks. If he gives 5 trucks to each of his friends, how many friends will receive trucks? 2 friends

P

There are 5 cookies in a jar. If 5 cookies are given to each girl, how many girls will receive cookies? 1 girl

R

There are 20 pennies in a bank. If 5 pennies are given to each boy, how many boys will get pennies? 4 boys

S

There were 25 bones. 5 bones were given to each dog. How many dogs received bones? 5 dogs

S	U	P	E	R
5	3	1	2	4

168

P.O. 2.01.09.01

NAME: _____ CLASS: _____ DATE: _____

Follow the directions below.

Circle the Roman numeral equal to the number of items in each row.

V, I, X

X, V, (I)

I, (X) V

X, I, (V)

Circle the number of objects equal to the Roman numeral in each row.

V

I

X

V

DO YOU REMEMBER?

Round each number to the nearest ten.

23 rounds to 20

35 rounds to 40

87 rounds to 90

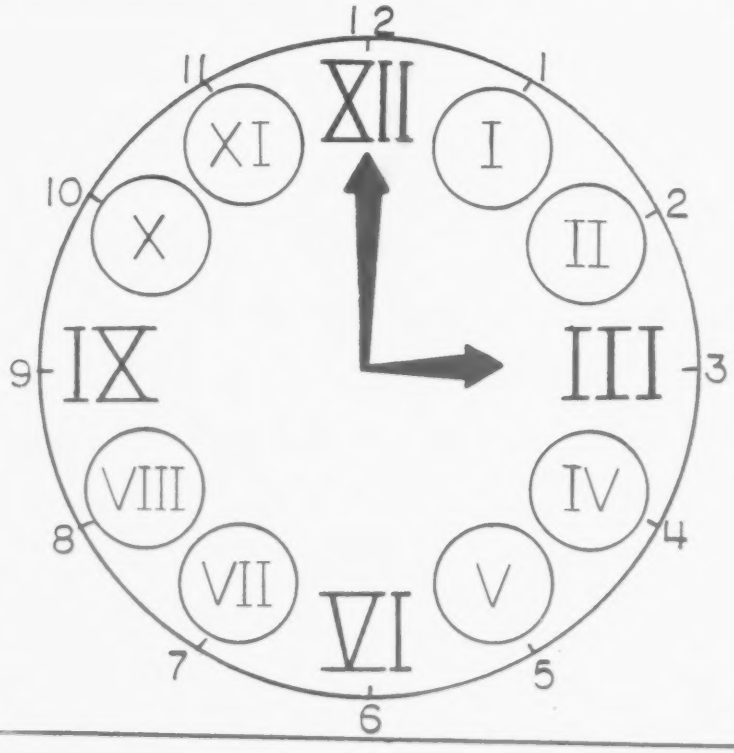
61 rounds to 60

P.O. 2.01.09.02

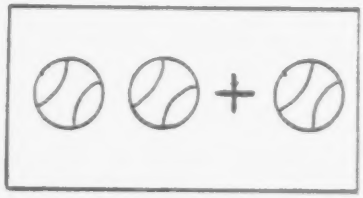
NAME: _____ CLASS: _____ DATE: _____

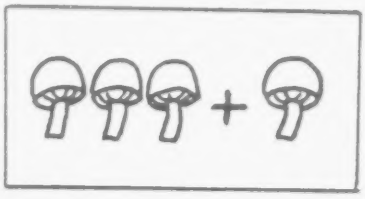
Follow the directions below.

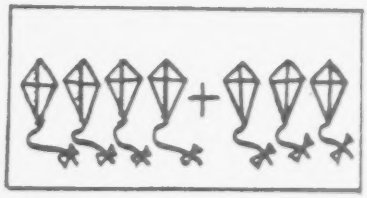
Write the missing Roman numerals on the clock.

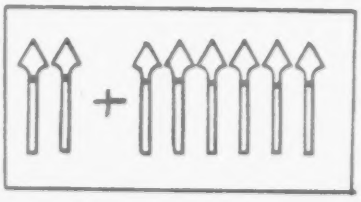


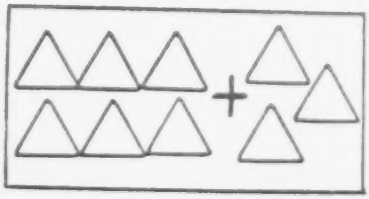
Write each sum as a Roman numeral.

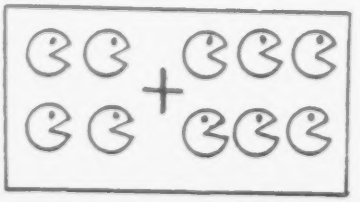
 III

 IV

 VII

 VIII

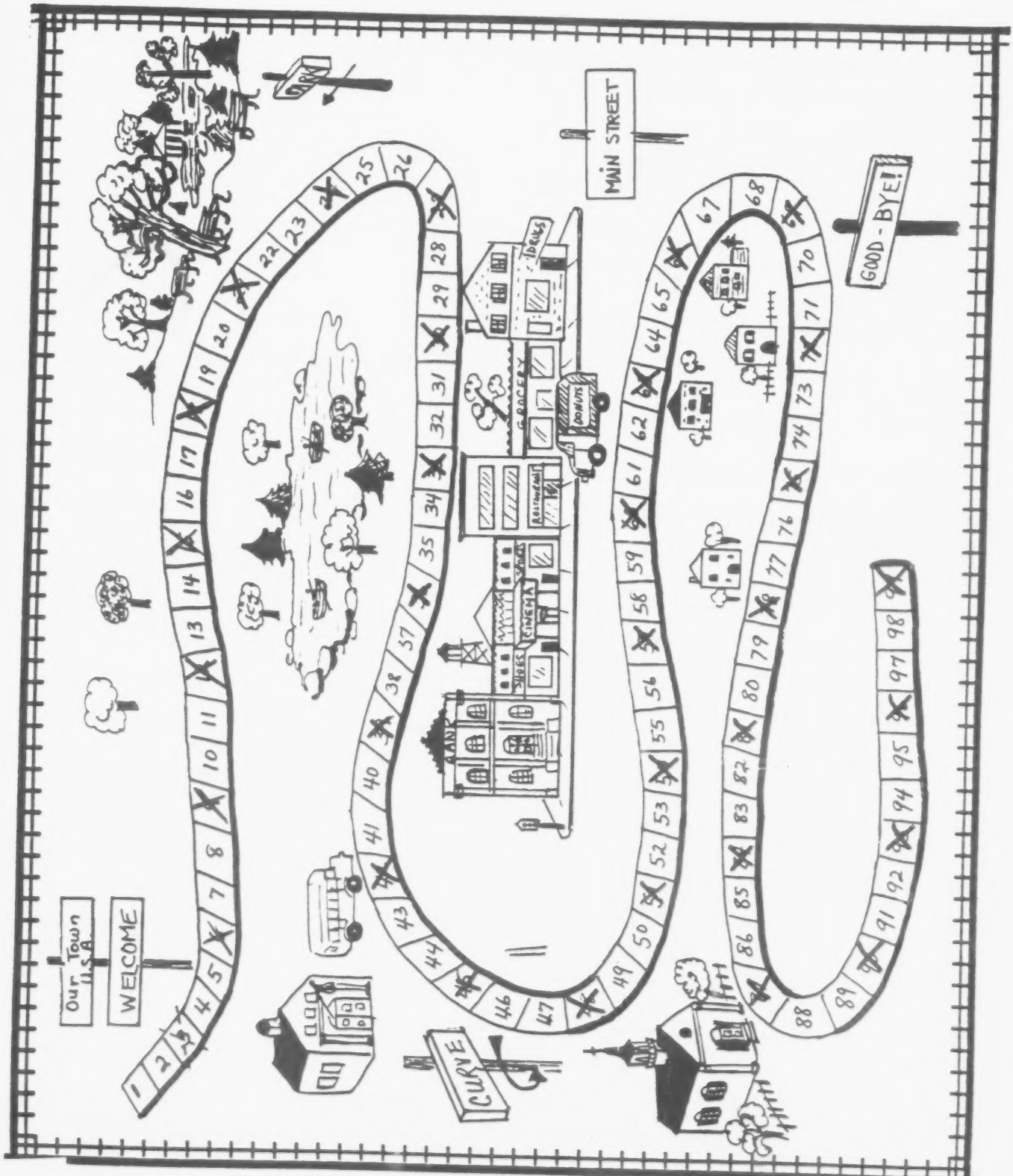
 IX

 X

P.O. 2.01.10.01

NAME: _____ CLASS; _____ DATE: _____

Place an X on every third number on the road through town.



P.O. 2.01.10.02

NAME: _____ CLASS: _____ DATE: _____

Count by threes and write the missing numerals.

0, 3, 6, 9, 12, 15, 18, 21

24, 27, 30, 33, 36, 39, 42

45, 48, 51, 54, 57, 60, 63

66, 69, 72, 75, 78, 81, 84

87, 90, 93, 96, 99

DO YOU REMEMBER?

Write =, <, or > to complete each number sentence.

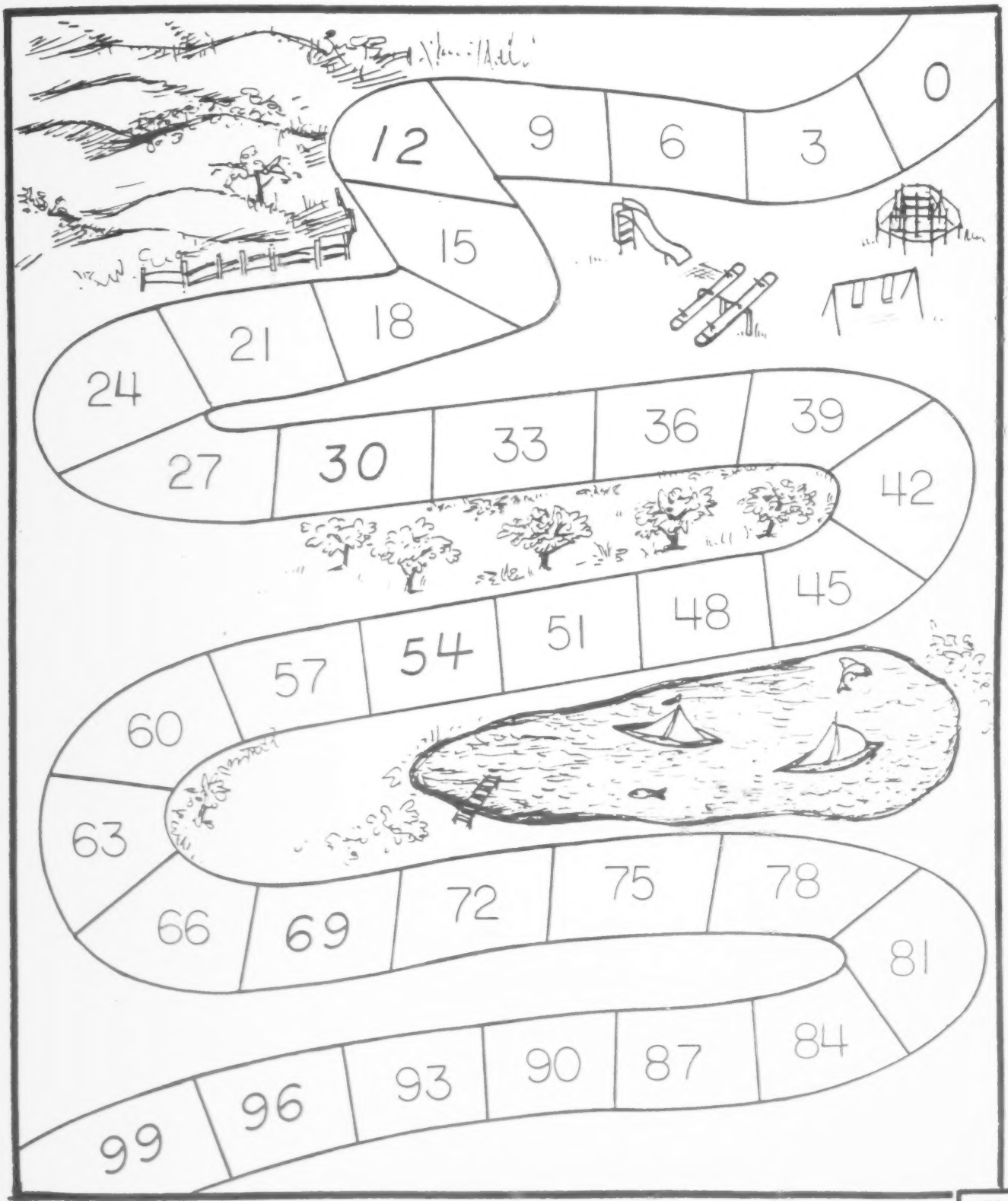
709 < 719 654 = 654

399 > 385 909 < 999

P.O. 2.01.10.03

NAME: _____ CLASS: _____ DATE: _____

Start at 99 and count backward by threes.
Write the missing numerals.

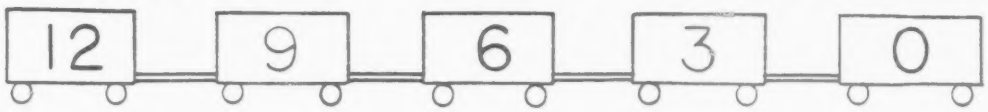


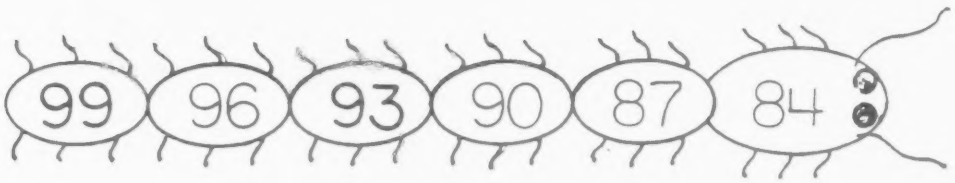
173

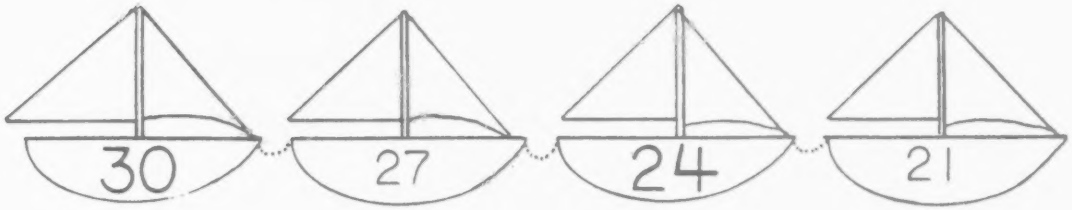
P.O. 2.01.10.03

NAME:_____ CLASS:_____ DATE:_____

Count backward by threes and write the missing numerals.







A. 12, 9, 6, 3

B. 45, 42, 39, 36

C. 33, 30, 27, 24

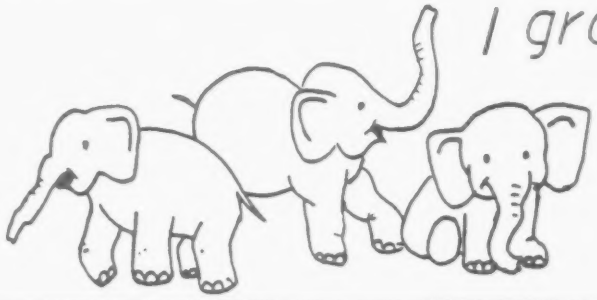
DO YOU REMEMBER?

Solve	Check	Solve	Check
57	48	63	57
− 9	+ 9	− 6	+ 6
48	57	57	63

P.O. 2.04.03.01

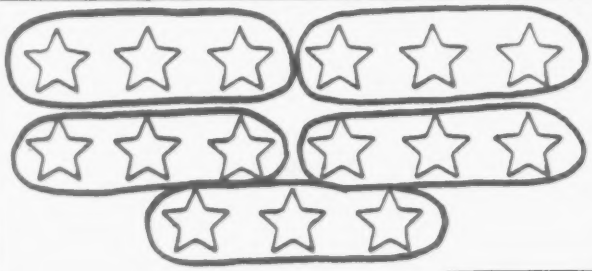
NAME: _____ CLASS: _____ DATE: _____

Circle groups of three.
Write the missing numerals.

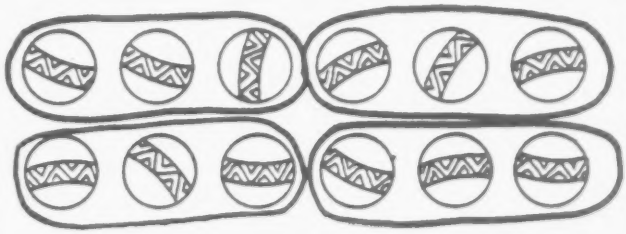


1 group of three = 1 X 3

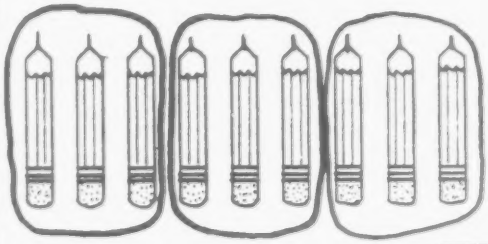
2 groups of three = 2 X 3



5 groups of three = 5 X 3



4 groups of three = 4 X 3



3 groups of three = 3 X 3

DO YOU REMEMBER?

The King was in the counting house. He counted 36 gold coins and 24 silver coins. How many coins did he count in all?

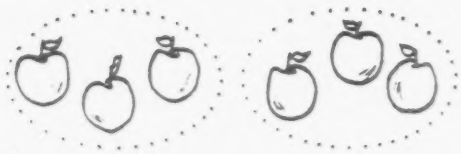
Solve Check

60 coins

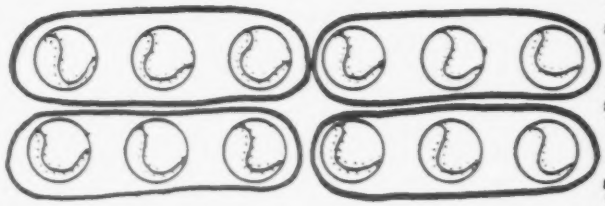
P.O. 2.04.03.02

NAME: _____ CLASS: _____ DATE: _____

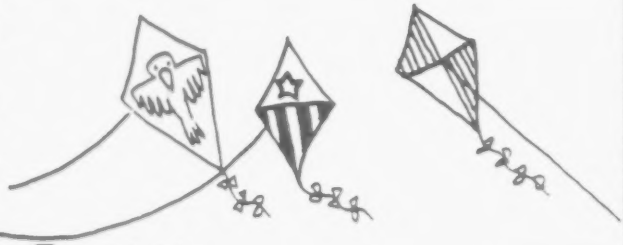
Circle groups of three.
Write the missing numerals.



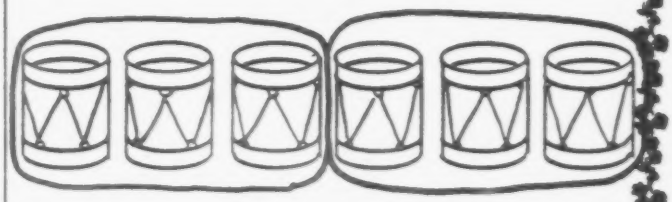
6 apples
2 groups of three = 6



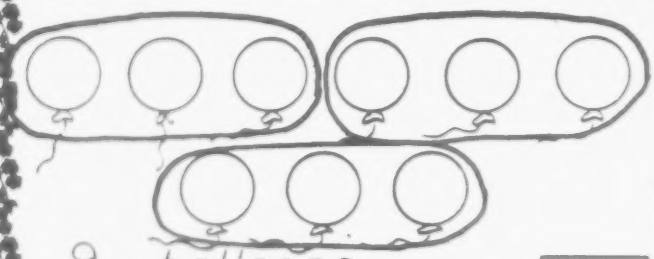
12 balls
4 groups of three = 12



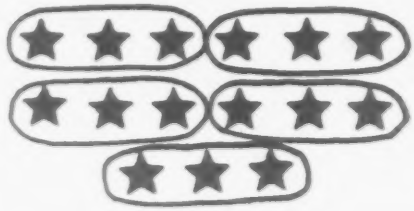
3 kites
1 group of three = 3



6 drums
2 groups of three = 6



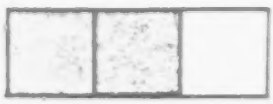
9 balloons
3 groups of three = 9



15 stars
5 groups of three = 15

DO YOU REMEMBER?

What fraction names the shaded part of each figure?



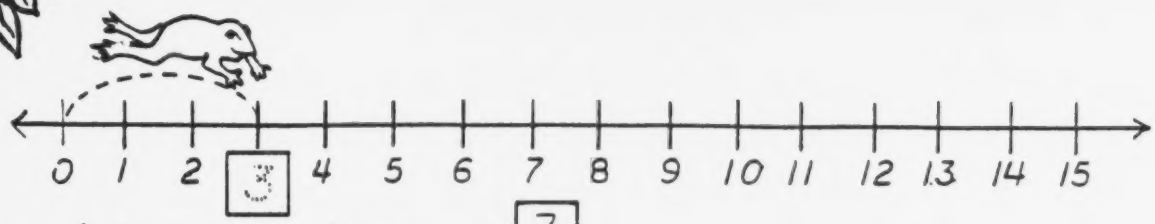
2/3

1/4

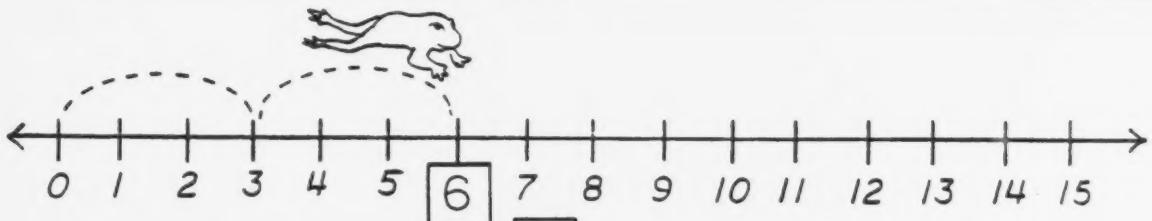
P.O. 2.04.03.03

NAME: _____ CLASS: _____ DATE: _____

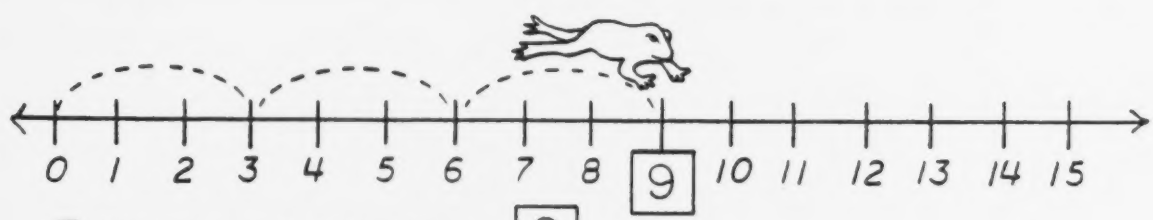
Write the numeral that tells where the frog will land.



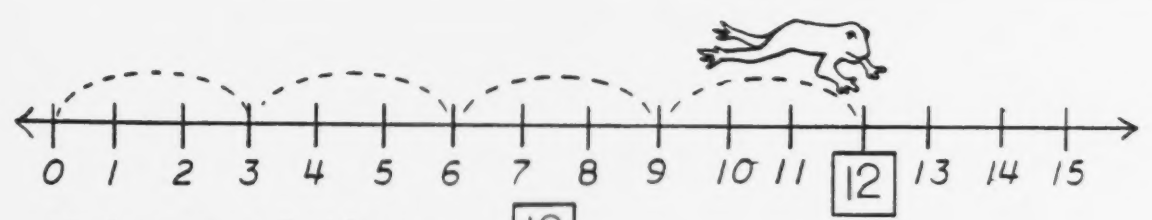
1 jump of three = 3



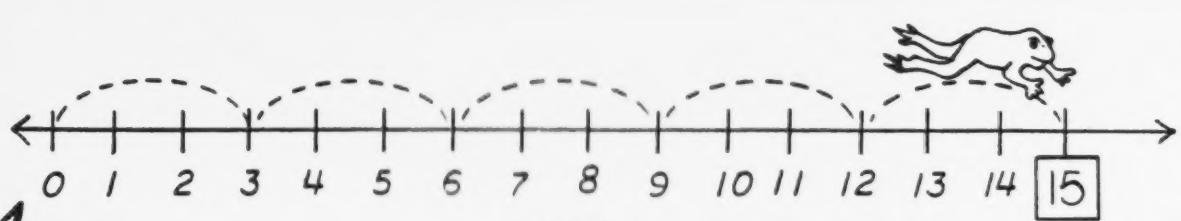
2 jumps of three = 6



3 jumps of three = 9



4 jumps of three = 12



5 jumps of three = 15

P.O. 2.04.03.04

NAME: _____ CLASS: _____ DATE: _____

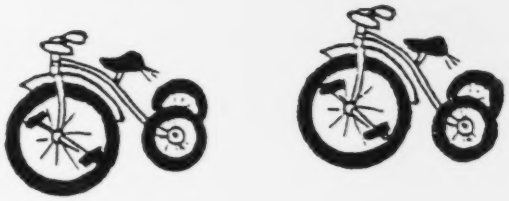
Count the wheels on the tricycles in groups of three.
Complete each number sentence.

$3 + 3 + 3 = \boxed{9}$

$3 \times 3 = \boxed{9}$

$3 + 3 + 3 + 3 + 3 = \boxed{15}$

$5 \times 3 = \boxed{15}$



$3 + 3 = \boxed{6}$

$2 \times 3 = \boxed{6}$

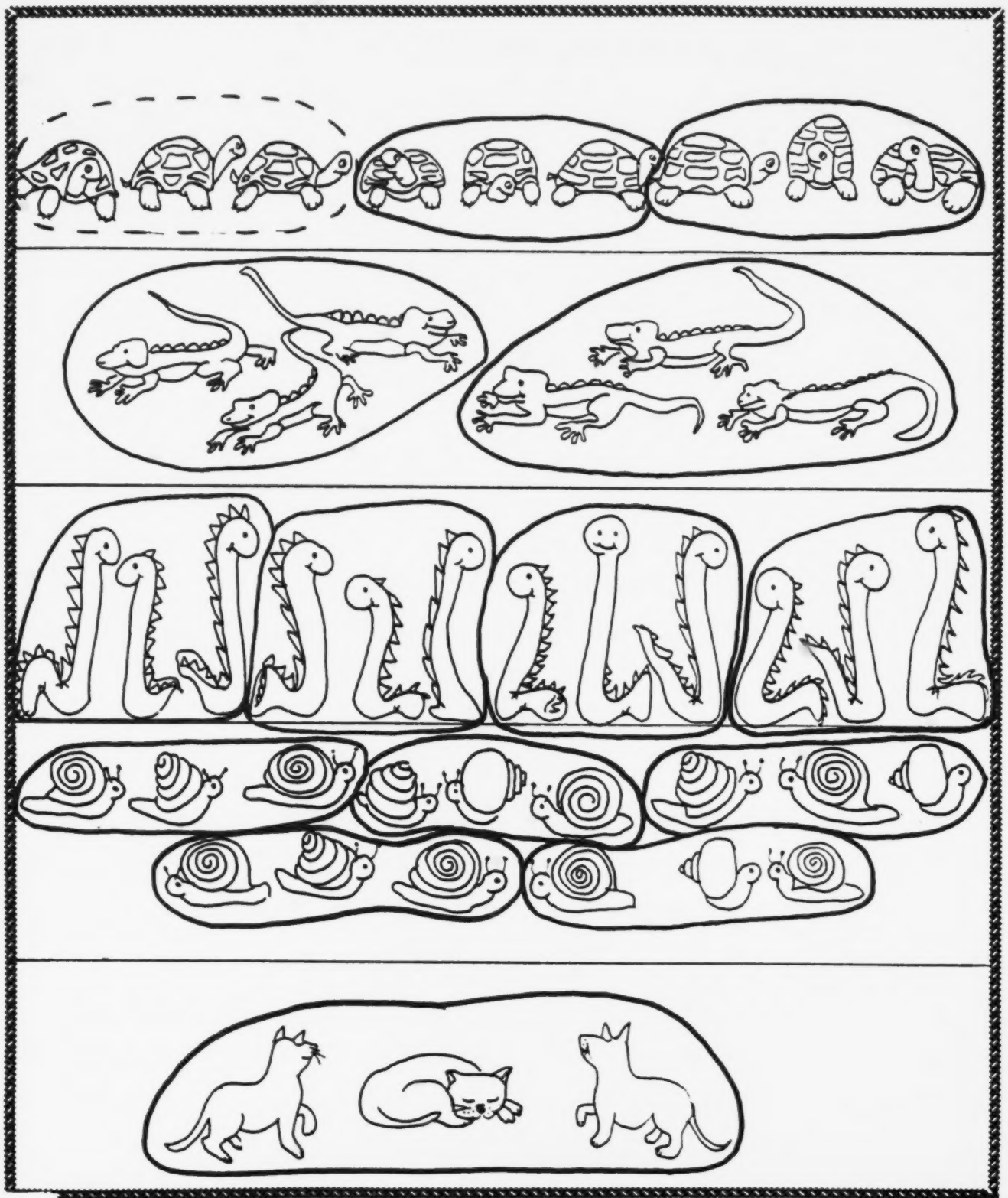
$3 + 3 + 3 + 3 = \boxed{12}$

$4 \times 3 = \boxed{12}$

P.O. 2.05.04.01

NAME:_____ CLASS:_____ DATE:_____

Separate the following objects into groups of 3.

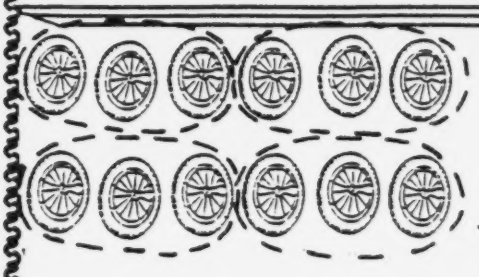


P.O. 2.05.04.02

NAME: _____ CLASS: _____ DATE: _____

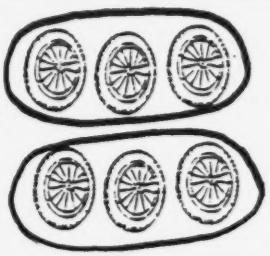
Count the wheels. Each tricycle gets 3 wheels.
How many tricycles can be made?

THE TRICYCLE FACTORY



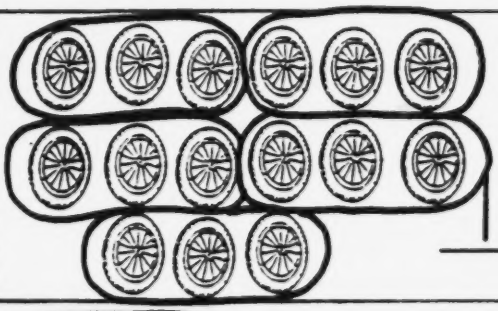
12 wheels

How many tricycles? 4



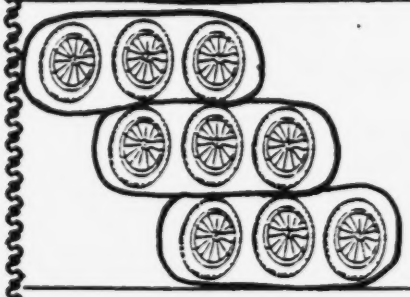
6 wheels

How many tricycles? 2



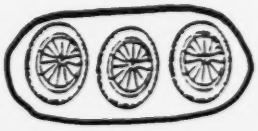
15 wheels

How many tricycles? 5



9 wheels

How many tricycles? 3



3 wheels

How many tricycles? 1

P.O. 2.05.04.03

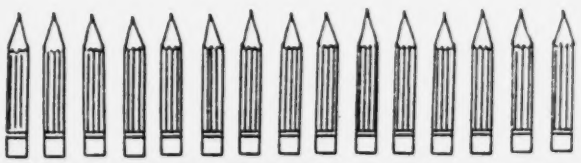
NAME: _____ CLASS: _____ DATE: _____

Solve each story problem.

1. There are 9 cupcakes.
   Each package gets 3 cupcakes.
   How many packages are needed?

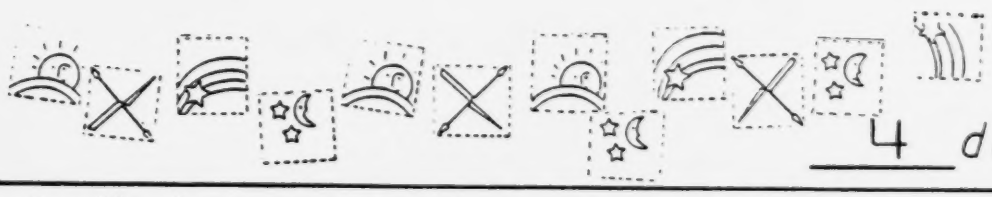
3 packages

2. Danny has 15 pencils.
   He put 3 pencils in each bundle.
   How many bundles did he make?



5 bundles

3. I bought a package of 12 stickers.
   Each day I pasted 3 stickers in my book.
   How many days did it take to paste all the stickers in my book?



4 days

4. Mother prepared 6 scoops of ice cream.
   She put 3 scoops into each cone.
   How many cones did she use?

197 2 cones

P.O. 2.10.09.01 - .02

NAME: _____ CLASS: _____ DATE: _____

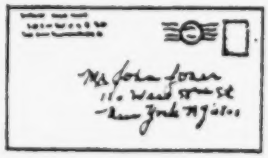
Follow the directions below.

A paper clip weighs about 1 gram (1 g).

A math book weighs about 1 kilogram (1 kg).

Place a g under the objects which should be measured in grams. Place kg under the objects which should be measured in kilograms.

g



g

kg

kg

g

kg

Complete each sentence with grams or kilograms.

1. A nickel weighs about 5 grams.
2. My brother weighs 60 kilograms.
3. Our car weighs about 2000 kilograms.
4. A spoon can hold 10 grams of sugar.
5. A hamburger weighs 100 grams.

P.O. 2.01.11.01

NAME: _____ CLASS: _____ DATE: _____

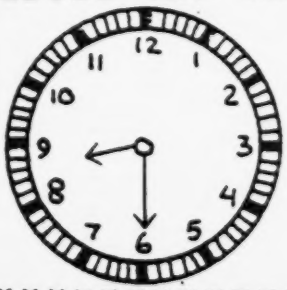
This monster can only eat numerals that are named when he counts by fours. Feed the Number Monster by coloring the numerals he can eat.
Hint: The monster wants twenty-five numerals.

NUMBER MONSTER

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

DO YOU REMEMBER?

Circle the time shown on the clock.

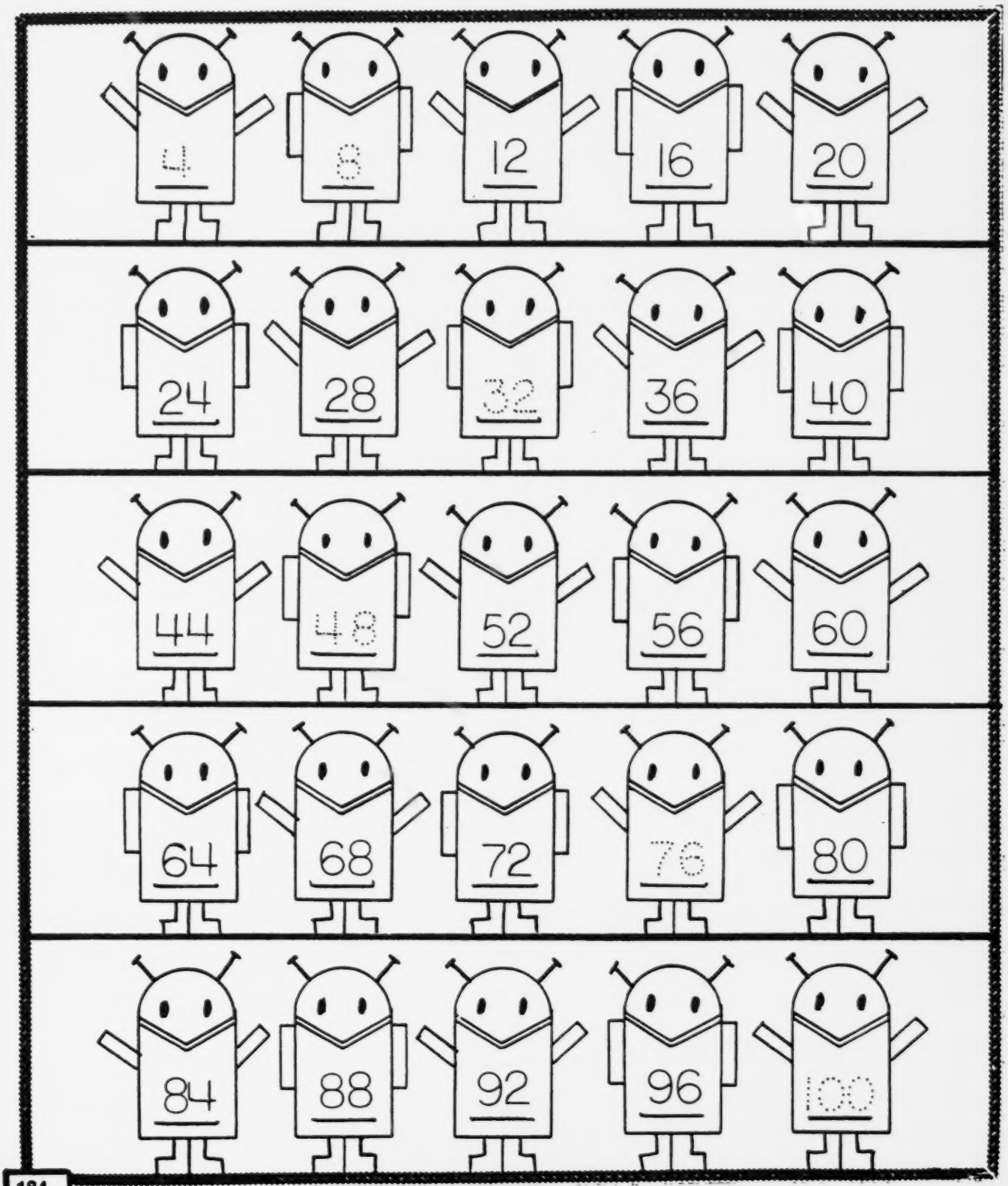


6:30 (8:30) 9:30

P.O. 2.01.11.02

NAME:_____ CLASS:_____ DATE:_____

Count by fours and write the numerals on the robots.

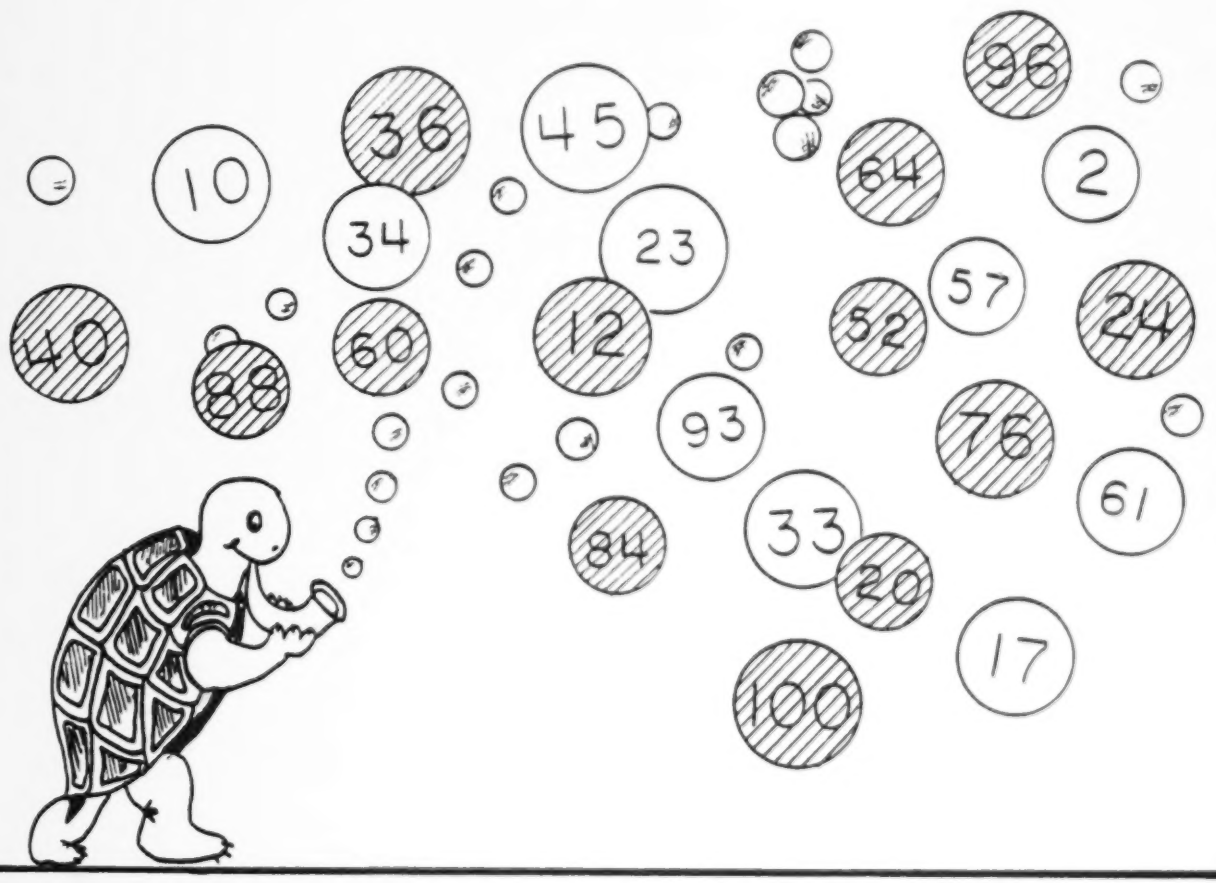


P.O. 2.01.11.02

NAME: _____ CLASS: _____ DATE: _____

Count by fours.
After you write each numeral, color the balloon with the matching numeral.

0, 4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48,
52, 56, 60, 64, 68, 72, 76, 80, 84, 88, 92, 96, 100.



DO YOU REMEMBER?

5+5= 2 x5

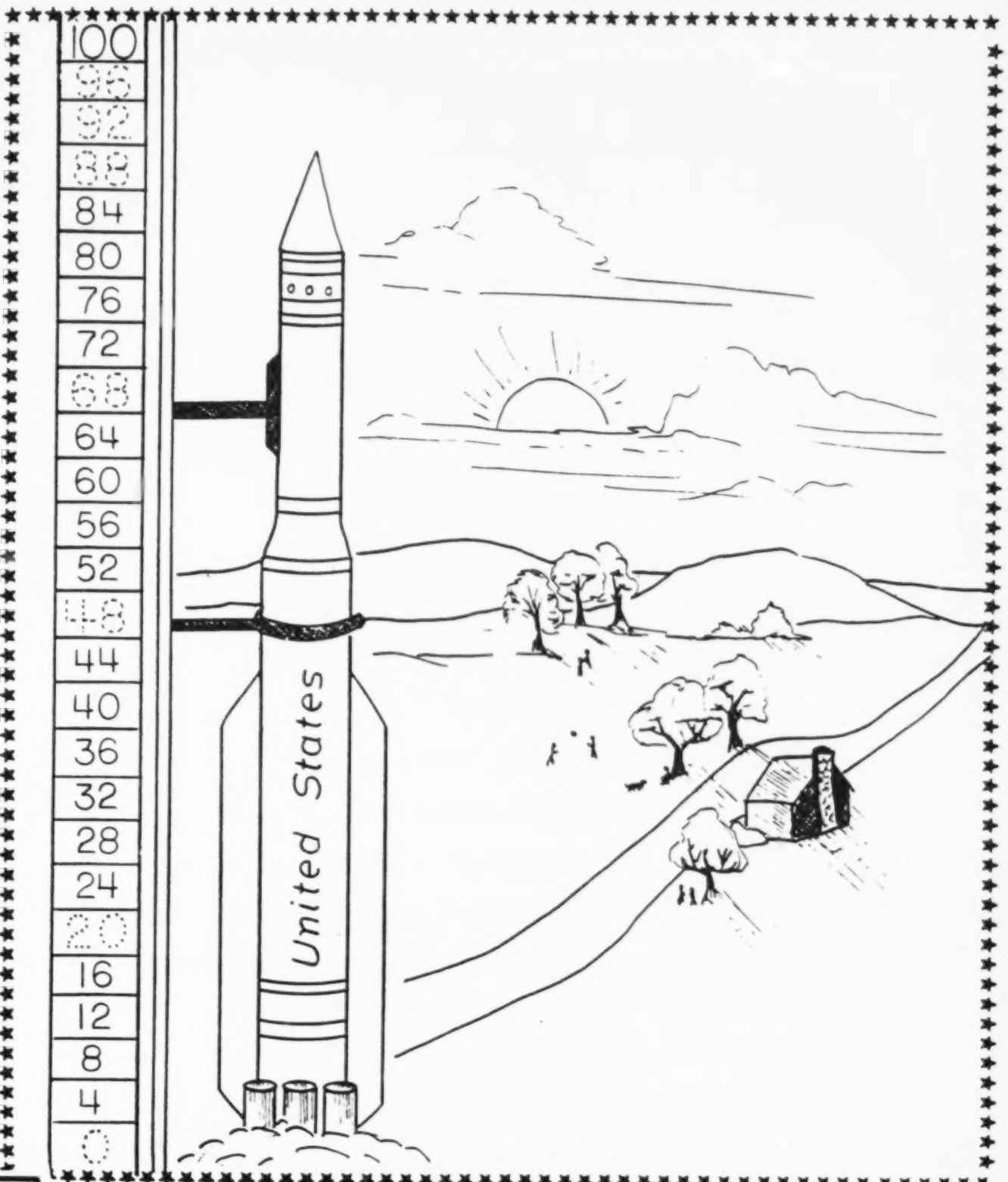
5+5+5= 3 x5

5+5+5+5=4 x 5

P.O. 2.01.11.03

NAME: _____ CLASS: _____ DATE: _____

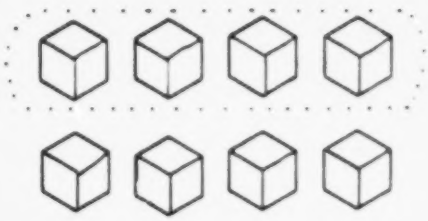
The countdown for blast off begins at 100.
Count backward by fours to blast off at 0.



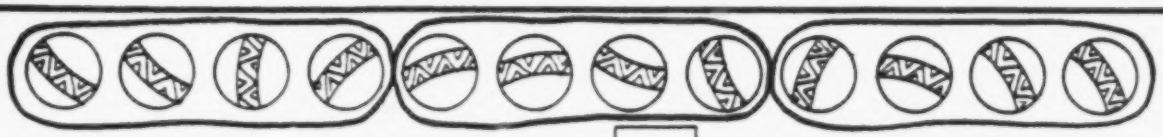
P.O. 2.04.04.01

NAME: _____ CLASS: _____ DATE: _____

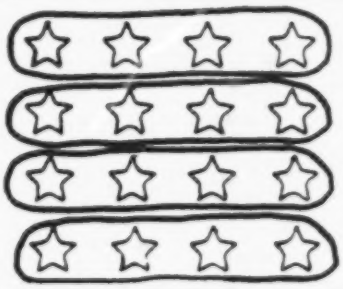
Circle groups of four.
Write the numeral that shows how many groups of four you circled.



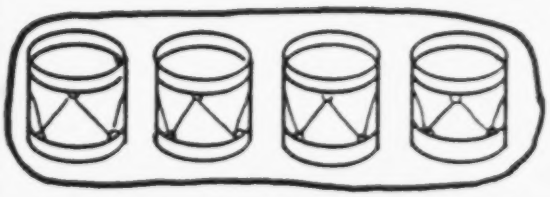
2 groups of 4



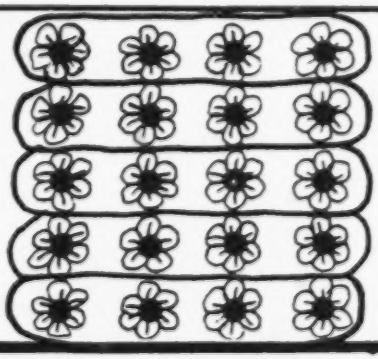
3 groups of 4



4 groups of 4



1 group of 4

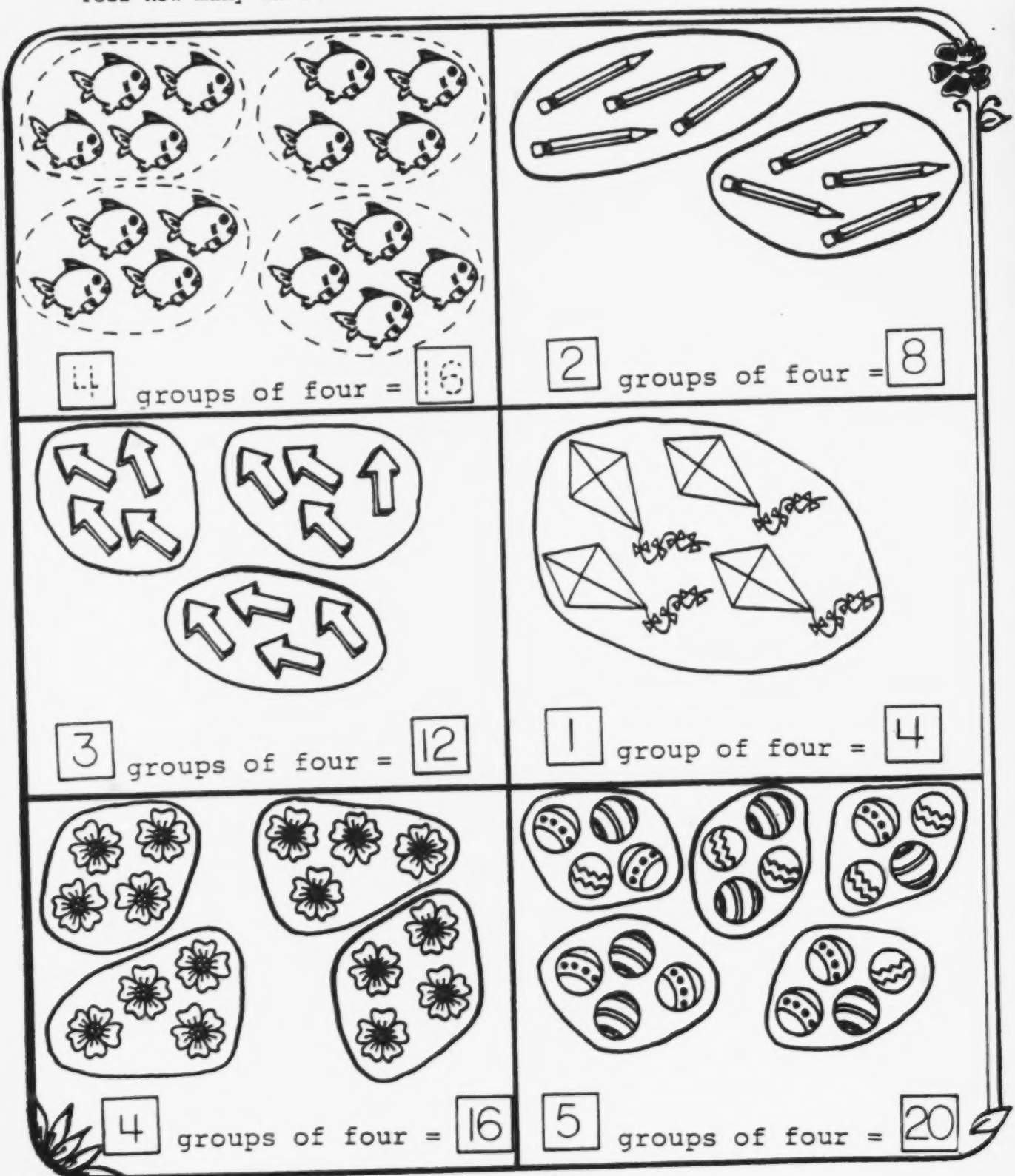


5 groups of 4

P.O. 2.04.04.02

NAME: _____ CLASS: _____ DATE: _____

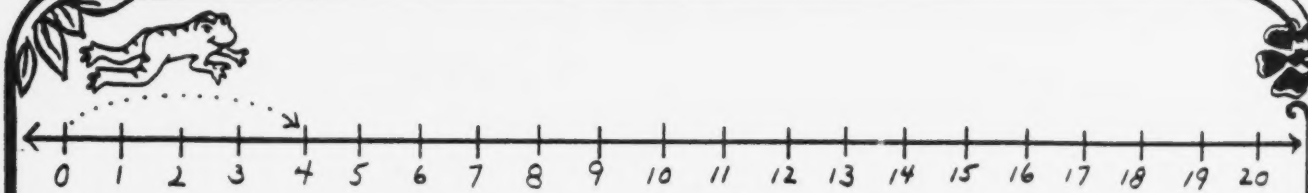
Circle each group of four.
Tell how many in all.



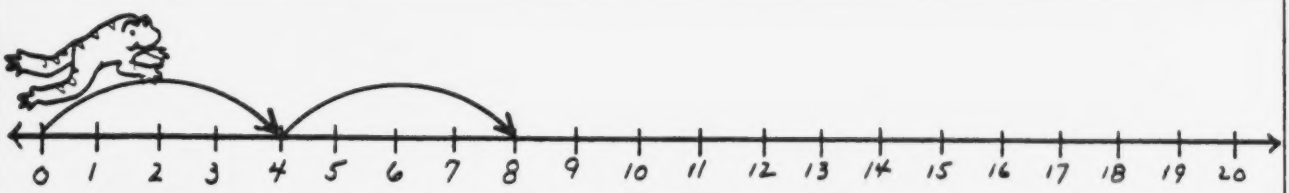
P.O. 2.04.04.03

NAME: _____ CLASS: _____ DATE: _____

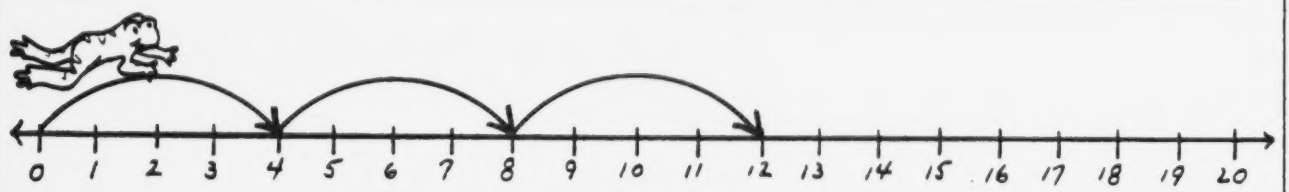
Froggie hops four spaces each time he jumps.
Draw arrows to show the jumps.



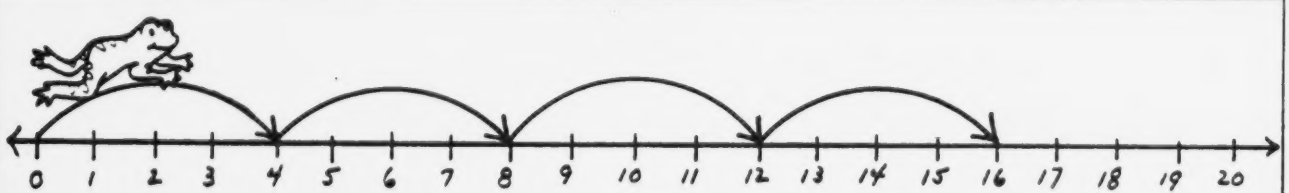
1 group of four = 4



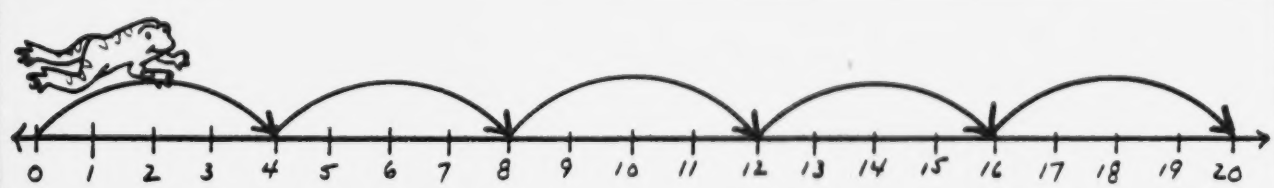
2 groups of four = 8



3 groups of four = 12



4 groups of four = 16



5 groups of four = 20

P.O. 2.04.04.04

NAME: _____ CLASS: _____ DATE: _____

Count the apples.
Complete the addition and multiplication.

4 + 4 + 4 = 3 x 4 = 12

4 + 4 = 2 x 4 = 8

4 + 4 + 4 + 4 + 4 = 5 x 4 = 20

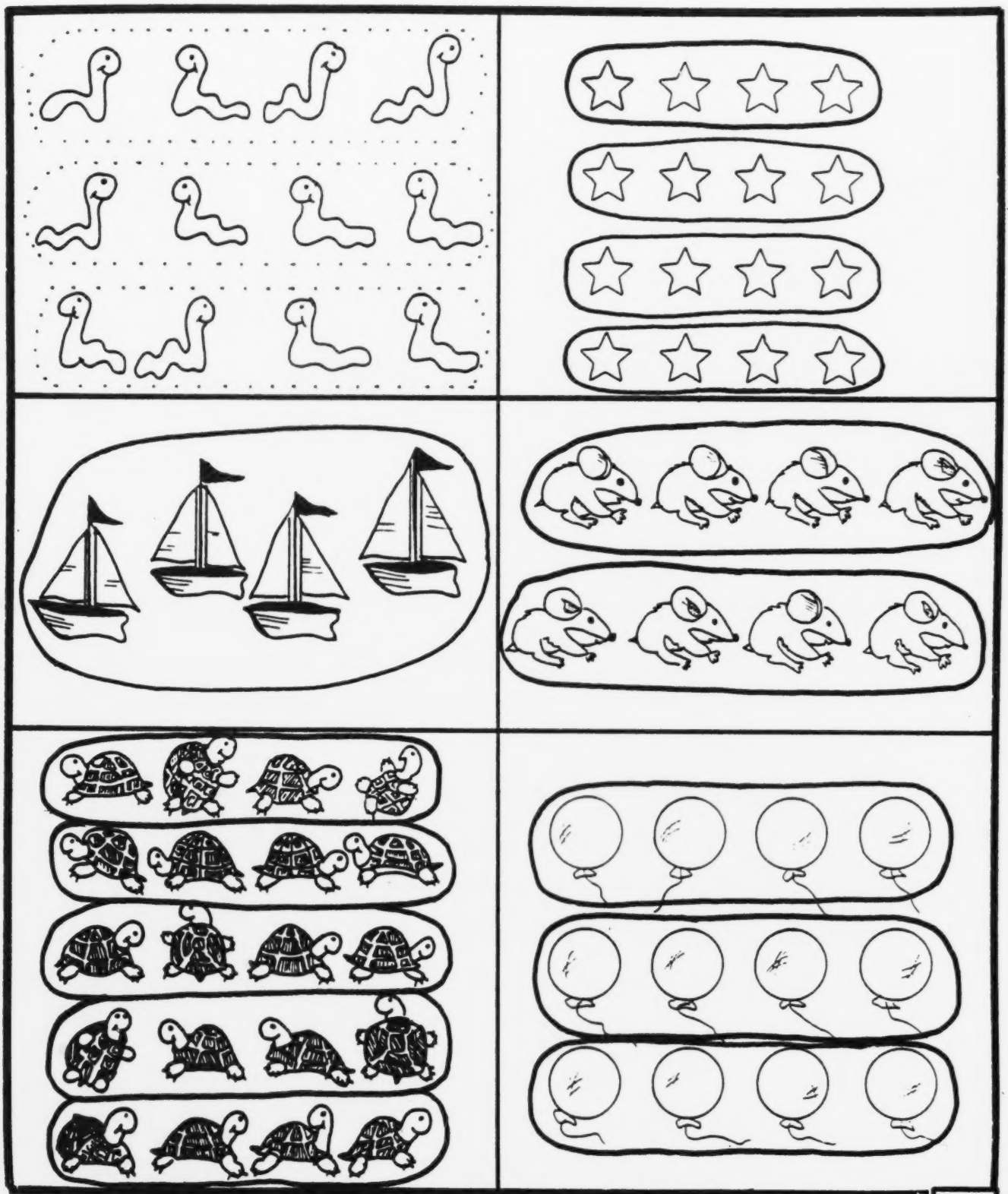
4 = 1 x 4 = 4

4 + 4 + 4 + 4 = 4 x 4 = 16

P.O. 2.05.05.01

NAME: _____ CLASS: _____ DATE: _____

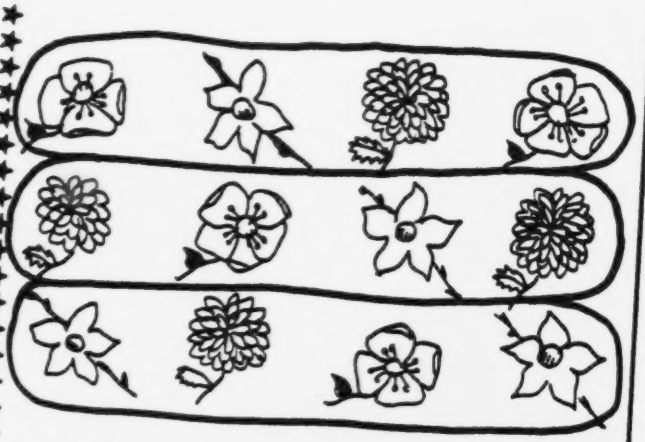
Draw a ring around groups of four in each box.



P.O. 2.05.05.02

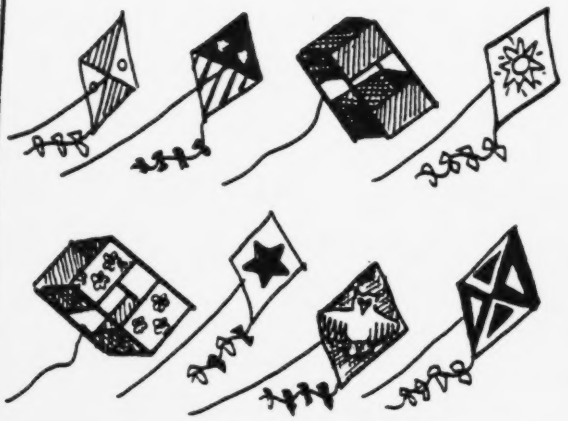
NAME: _____ CLASS: _____ DATE: _____

Draw a ring around groups of four.
Complete each sentence.



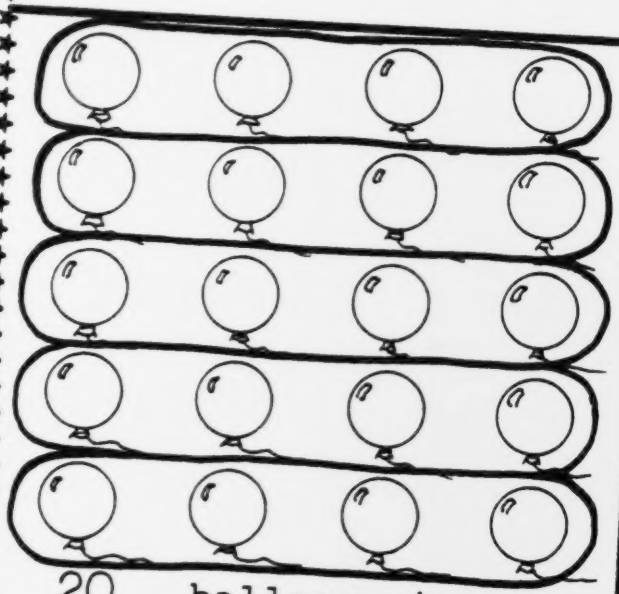
12 flowers in all.

3 groups of 4.



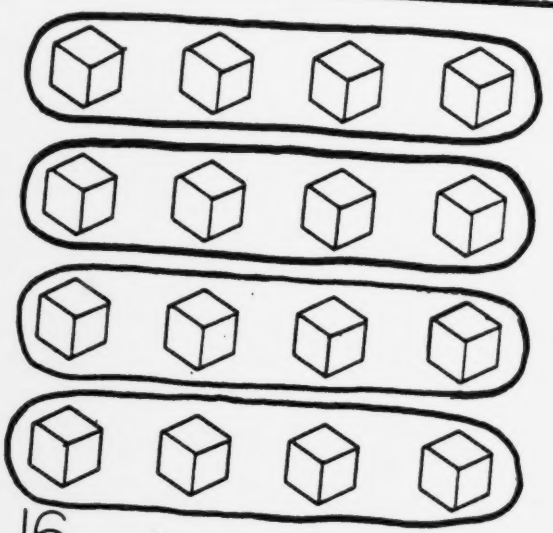
8 kites in all.

2 groups of 4.



20 balloons in all.

5 groups of 4.



16 boxes in all.

4 groups of 4.

192

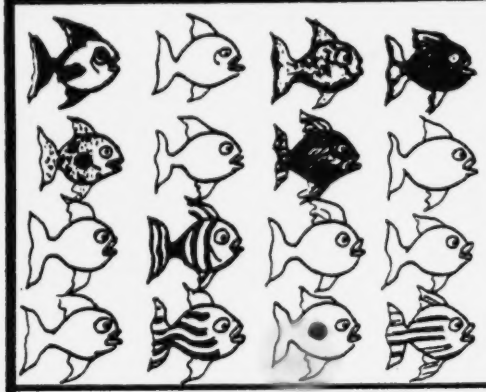
P.O. 2.05.05.03

NAME:_____ CLASS:_____ DATE:_____

Read and solve each problem.

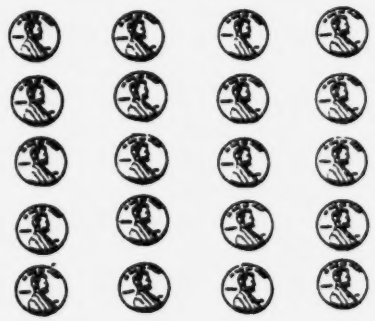
Pam has 12 marbles.
She will give 4 to each friend.
How many friends will get marbles?

3 friends



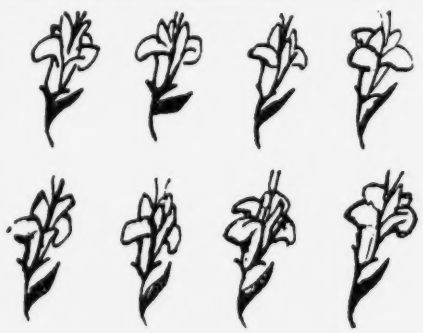
Mrs. Berg wants to buy 16 pet fish and some fish bowls.
She will place 4 fish in each bowl. How many bowls does she need?

4 bowls



Kate has 20 pennies.
She will place 4 in each pile.
How many piles can she make?

5 piles



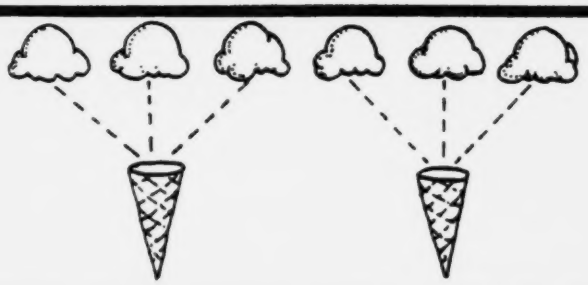
Anita will place 4 flowers in each vase. If she has 8 flowers, how many vases will she need?

2 vases

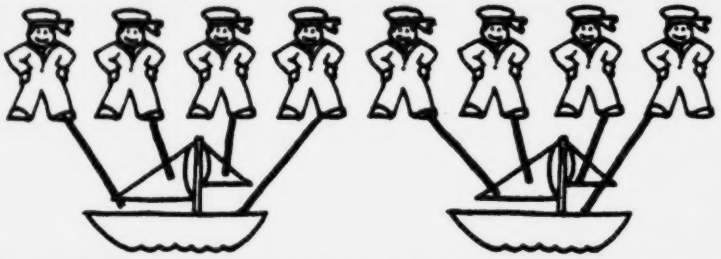
P.O. 2.06.02.01

NAME:_____ CLASS:_____ DATE:_____

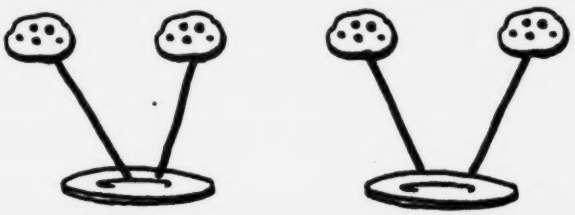
Draw lines to show how each group is divided in half.
Complete each statement.



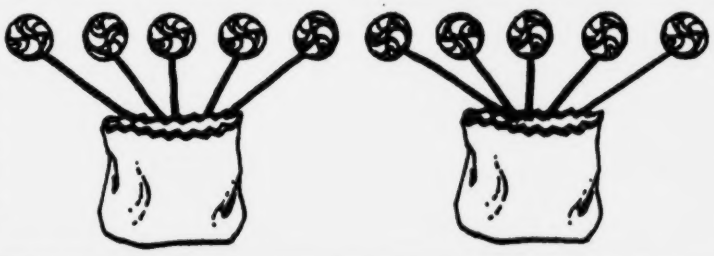
There are [3] scoops for each cone.
One-half of 6 is [3].



There are [4] people for each boat.
One-half of 8 is [4].



There are [2] cookies for each plate.
One-half of 4 is [2].



There are [10] marbles for each bag.
One-half of 10 is [5].

DO YOU REMEMBER?

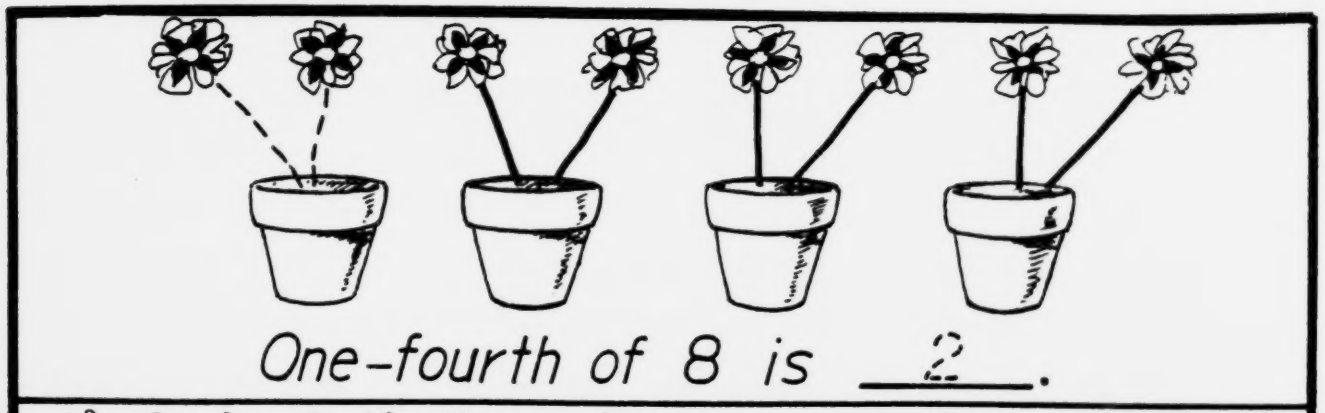
Mr. Lee has 15 balloons.
His 5 children will share them equally.
How many balloons will each child receive?

3 balloons

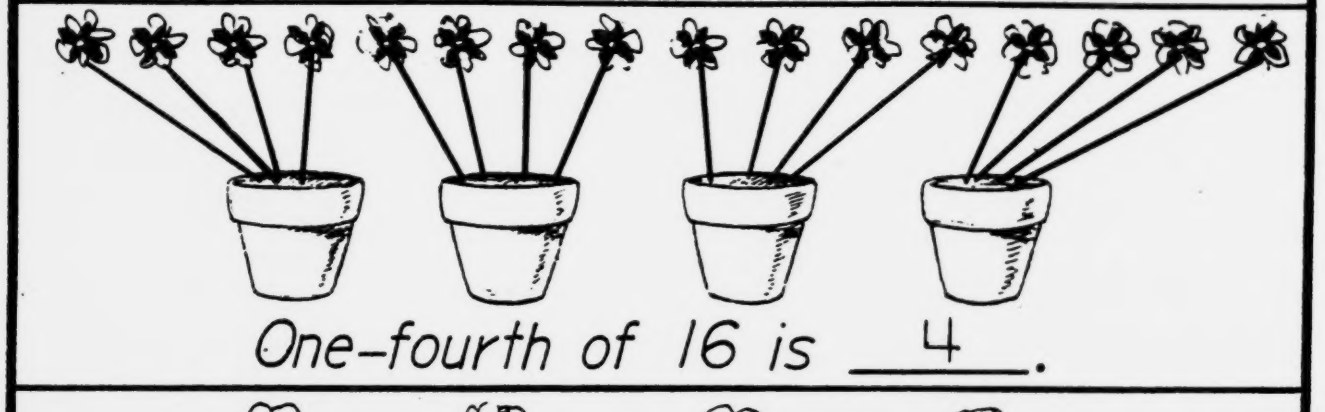
P.O. 2.06.02.02

NAME: _____ CLASS: _____ DATE: _____

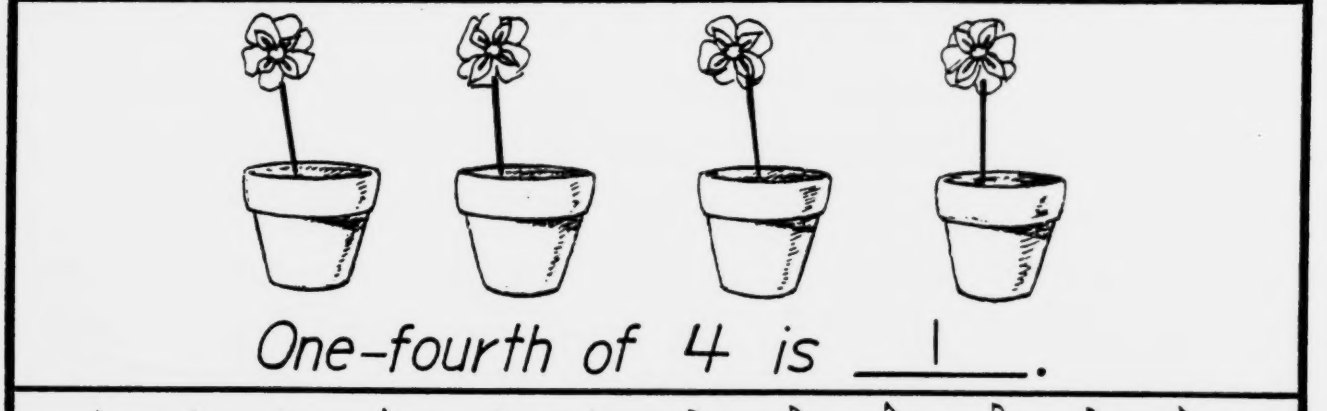
Place an equal number of flowers in each flower pot by drawing lines from the flowers to the flower pots. Complete each sentence.



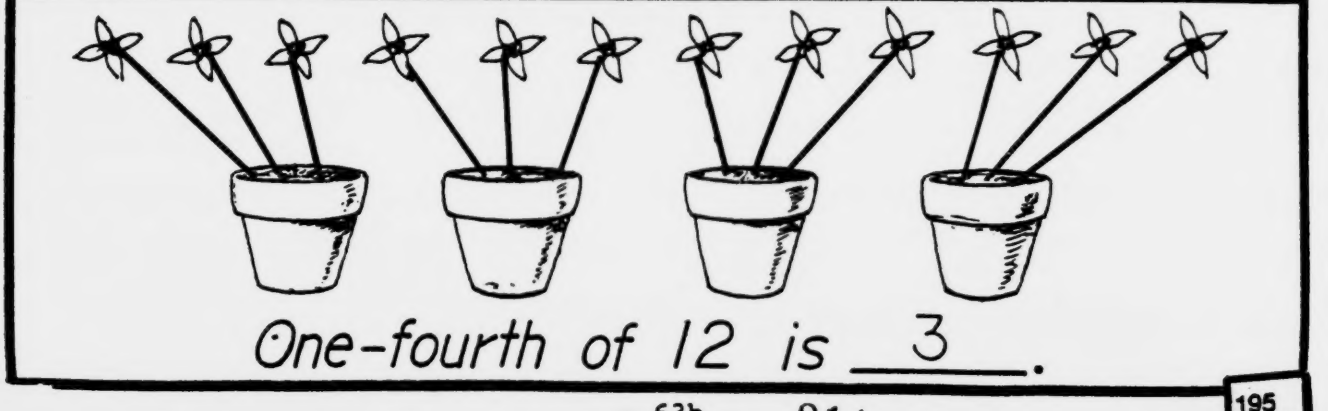
One-fourth of 8 is 2.



One-fourth of 16 is 4.



One-fourth of 4 is 1.



One-fourth of 12 is 3.

P.O. 2.06.02.03

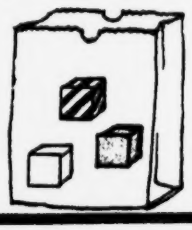
NAME:_____ CLASS:_____ DATE:_____

In each box, color one-third of all the circles red, one-third blue, and one-third yellow. How many of each are red, blue, or yellow? Write the numeral in the box.

R B Y R B Y R B Y **3**	Y B R **1**
R R R R B B B B Y Y Y Y **4**	R R B B Y Y R R B B Y Y **4**
R R R R R B B B B B Y Y Y Y Y **5**	R R B B Y Y **2**

DO YOU REMEMBER?

If you pick a block out of the bag without looking, what is the chance of picking the shaded block?



1 out of 3

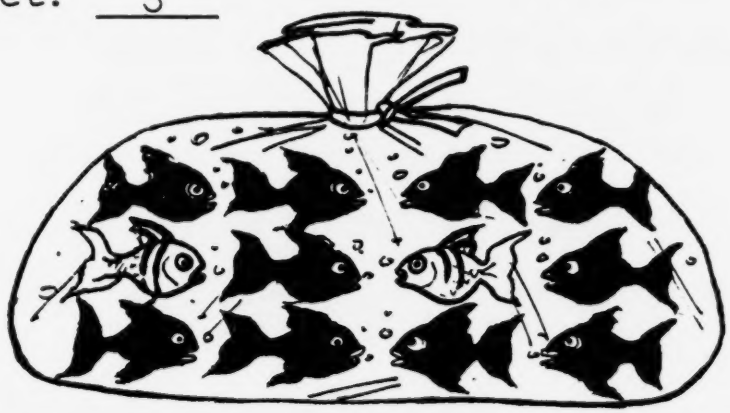
P.O. 2.06.02.04

NAME: _____ CLASS: _____ DATE: _____

Read each story problem. Answer the questions.

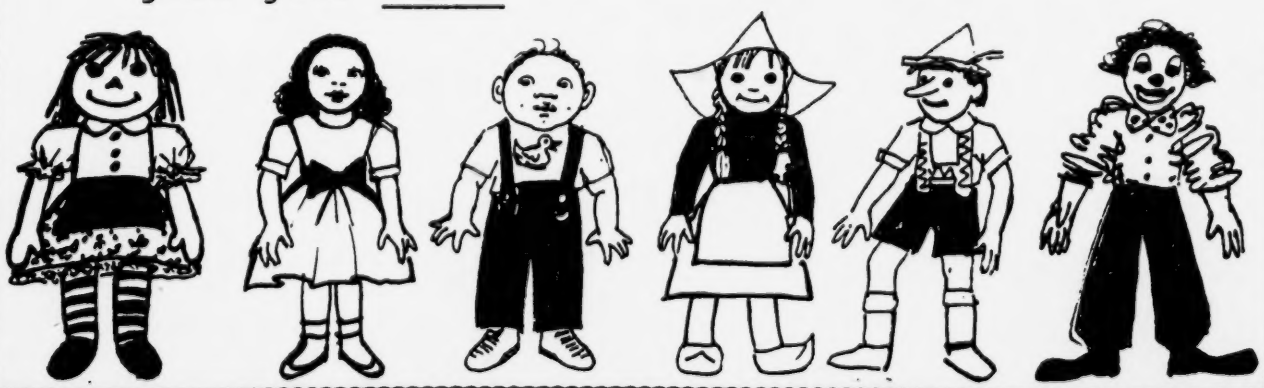
Bob, Bill, and Ben went to the pet shop to buy fish.
The clerk put 12 fish in one bag.
The boys shared the fish equally.

1. How many fish did each boy get? 4
2. What fractional part of the 12 fish did each boy get? $\frac{1}{3}$



Janet and Sue went shopping.
They bought 6 dolls.
When they got home they divided the dolls equally.

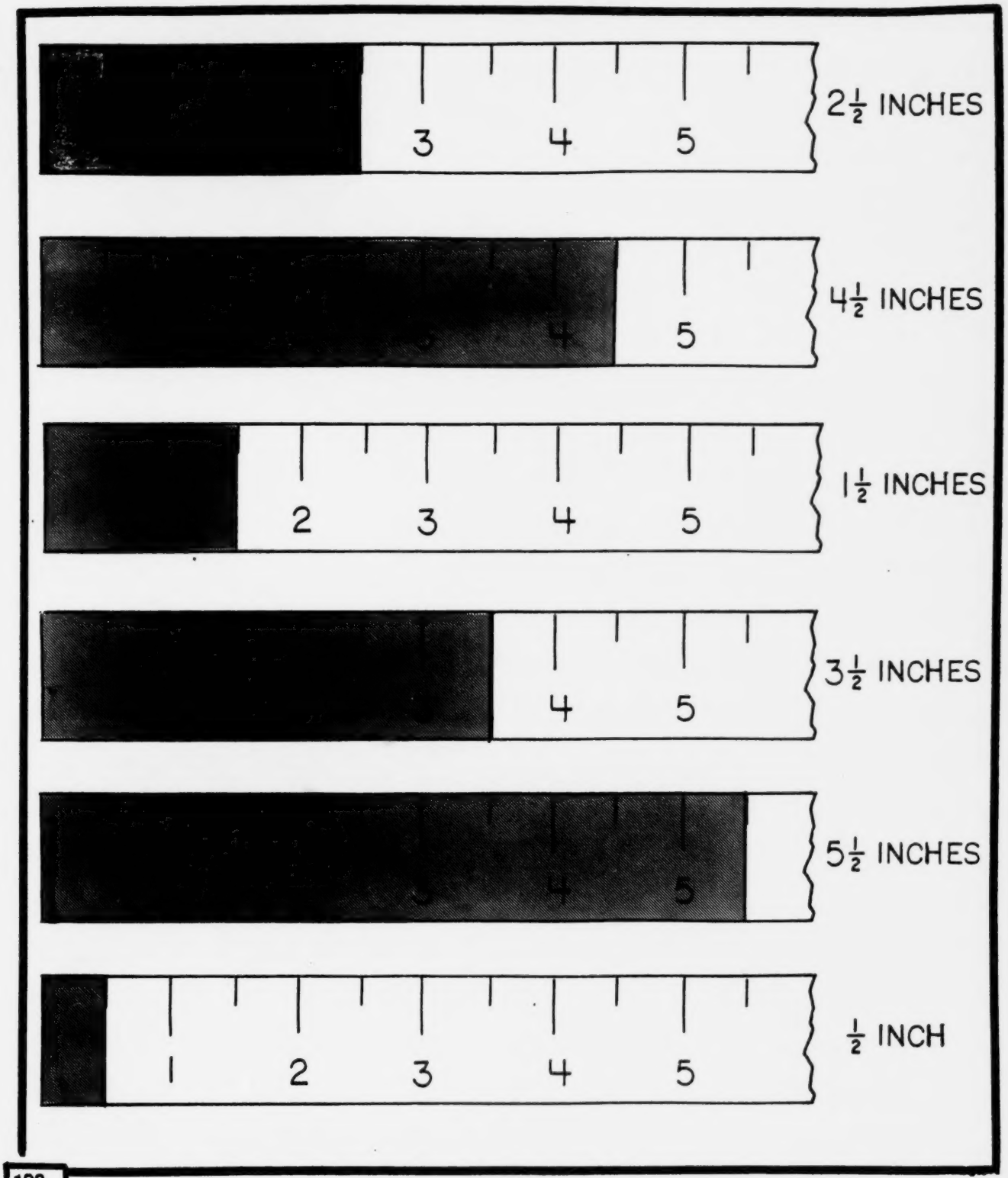
1. How many dolls did Janet get? 3
2. How many dolls did Sue get? 3
3. What fractional part of the 6 dolls did each girl get? $\frac{1}{2}$



P.O. 2.10.10.01

NAME:_____ CLASS:_____ DATE:_____

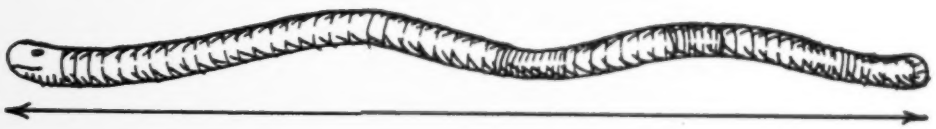
Color the rulers to show the number of inches named at the end of each ruler.



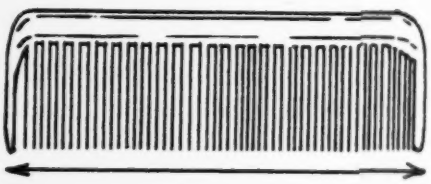
P.O. 2.10.10.02

NAME: _____ CLASS: _____ DATE: _____

Use your ruler to measure each picture to the nearest half inch and record its length.

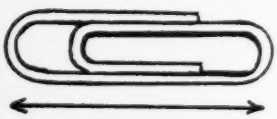


5 1/2"

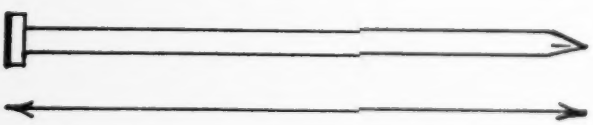


2 1/2"

4 1/2"



1 1/2"

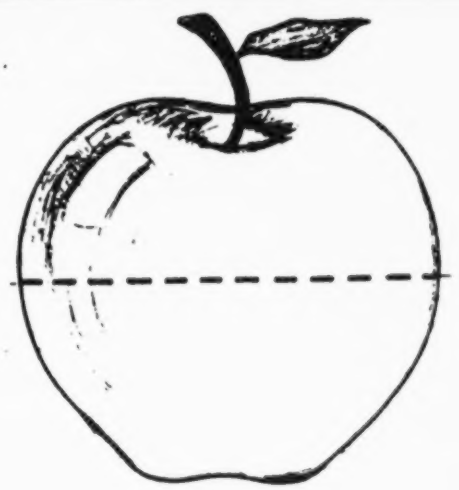


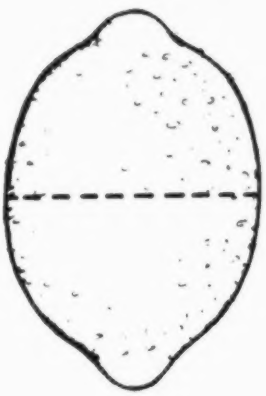
3 1/2"

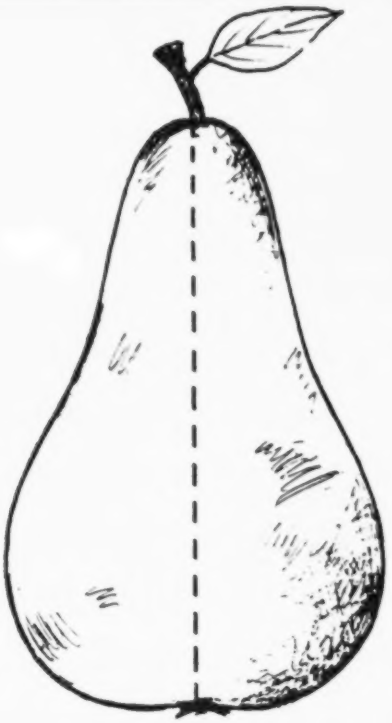
P.O. 2.10.10.03

NAME:_____ CLASS:_____ DATE:_____

Measure each piece of fruit along the dotted line to the nearest half inch. Record the results on the chart.





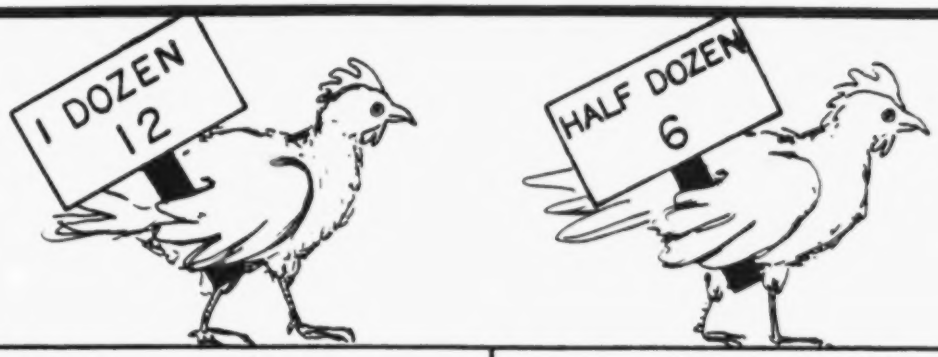


Fruit	Length to the Nearest $\frac{1}{2}$ Inch
apple	$2\frac{1}{2}$"
pear	$3\frac{1}{2}$"
lemon	$1\frac{1}{2}$"
cherry	$\frac{1}{2}$"

P.O. 2.10.11.01

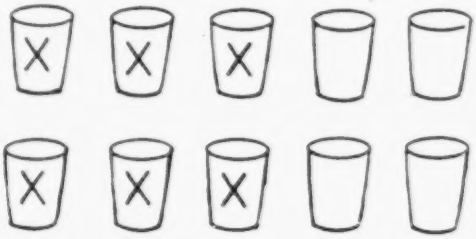
NAME:_____ CLASS:_____ DATE:_____

Follow the directions below.

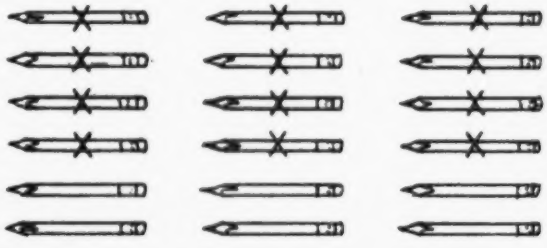


1. Place an X on one dozen eggs.

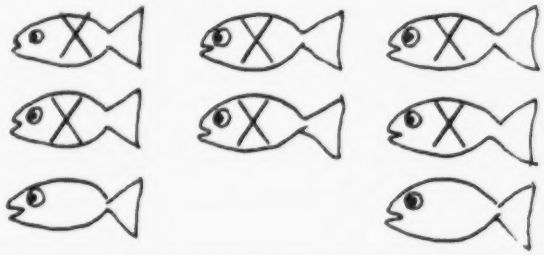
2. Place an X on a half dozen cups.



3. Place an X on one dozen pencils.



4. Place an X on a half dozen fish.



DO YOU REMEMBER?

Answers will vary.

This month is _____.

Last month was _____.

Next month will be _____.

P.O. ~~2.10.11.02~~

NAME: _____ CLASS: _____ DATE: _____

Solve each problem.

Mother bought 6 apples.
Father bought 6 apples.
How many apples did they buy?

$$\begin{array}{r} 6 \\ +\,6 \\ \hline 12 \end{array}$$ apples

1 dozen apples

John ate a half dozen eggs.
Joe ate a half dozen eggs.
How many eggs did they eat?

a half dozen = 6

\+ a half dozen = 6

a dozen = 12

Mother bought a dozen chocolate cookies and a half dozen vanilla cookies.
How many cookies did she buy?

$$\begin{array}{r} 12 \\ +\,6 \\ \hline 18 \end{array}$$ cookies

Mother bought a dozen eggs.
Six of the eggs were eaten.
How many eggs were left?

$$\begin{array}{r} 12 \\ -\,6 \\ \hline 6 \end{array}$$ eggs

$\frac{1}{2}$ dozen eggs

DO YOU REMEMBER?

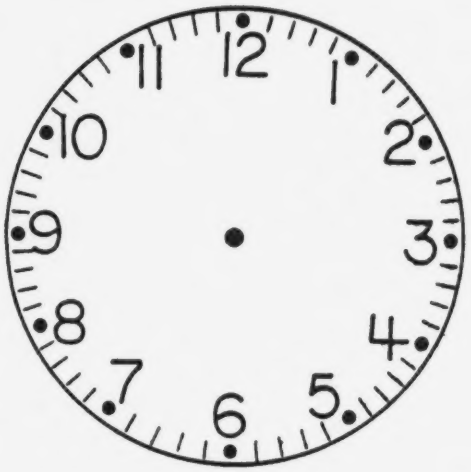
Place a ✓ next to the words which describe a triangle.

3 sides ✓	3 corners ✓
no corners ___	round ___
4 corners ___	4 sides ___

P.O. 2.10.12.01

NAME: _____ CLASS: _____ DATE: _____

Use the clock face to help you write the missing numerals.



60 seconds = 1 minute

60 minutes = 1 hour

1 hour = 60 minutes

1 minute = 60 seconds

DO YOU REMEMBER?

Solve	Check	Solve	Check
45	37	64	29
+37	+45	+29	+64
82	82	93	93

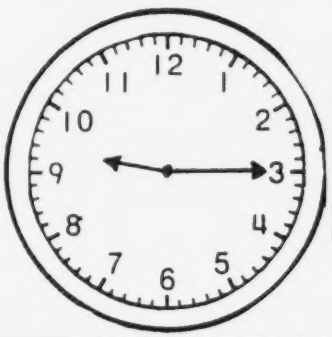
P.O. 2.10.12.02

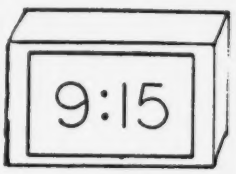
NAME:_____ CLASS:_____ DATE:_____

Draw the hands to show the correct time. Write the time in the digital clocks.

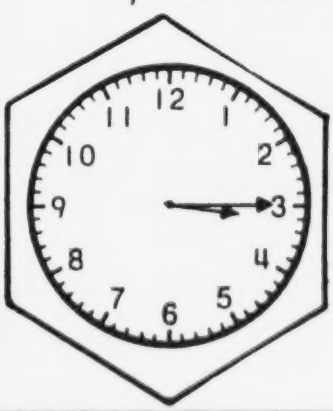
quarter to 7

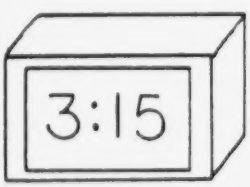
quarter after 9



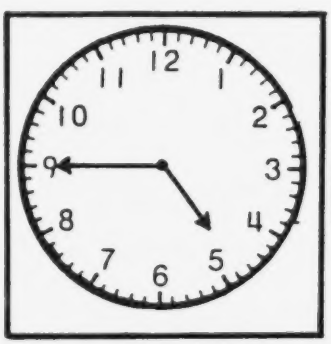


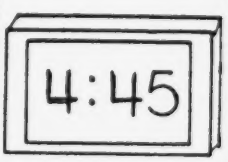
quarter after 3



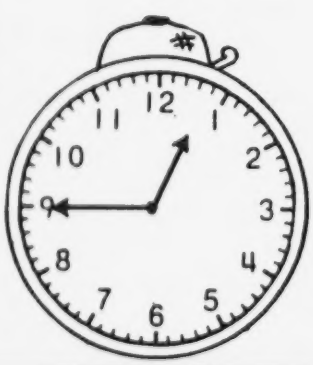


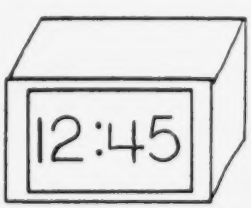
quarter to 5



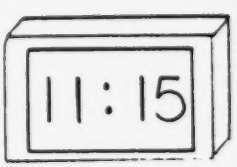


quarter to 1





quarter after 11



P.O. 2.10.12.02

NAME:_____ CLASS:_____ DATE:_____

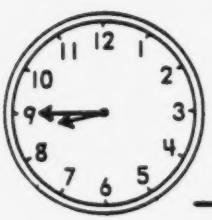
Hector's mother went away for the day. She left him a list of things to do. Help Hector by writing the time next to the clocks in two different ways.

Eat breakfast.

8:15

quarter after 8

Clean your room.



8:45

quarter to 9

Go to the supermarket.

10:15

quarter after 10

Eat lunch.

11:45

quarter to 12

Walk the dog.

4:45

quarter to 5

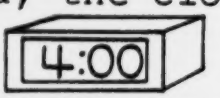
P.O. 2.10.12.03

NAME:_____ CLASS:_____ DATE:_____

Solve each problem.

1. Mary ran in a race.
   It took her 1 minute to run the race.
   How many seconds did it take?

   60 seconds

2. Jose started his homework at 3:30.
   When he finished, the clock looked
   like this. 

   How long did it take Jose to do his homework?

   30 minutes

3. Mother saw that her kitchen clock had stopped.
   She looked at her watch. It looked like this.

   What time is it? 6:15

4. It took Kevin 1 hour to clean his room.
   How many minutes did it take?

   60 minutes

P.O. 2.09.04.01

NAME:_____ CLASS:_____ DATE:_____

Look at the objects. Choose a word from the list to complete each sentence. Some sentences may have more than one correct answer.

larger, smaller, heavier, lighter, square, round

1. The ball is smaller/lighter than the pineapple.
2. The box of boots is larger/heavier than the pencil.
3. The shape of the ball is round.
4. The soup can is heavier than the pencil.
5. The side of the block is square.
6. The pencil is smaller/lighter than the rain boots.

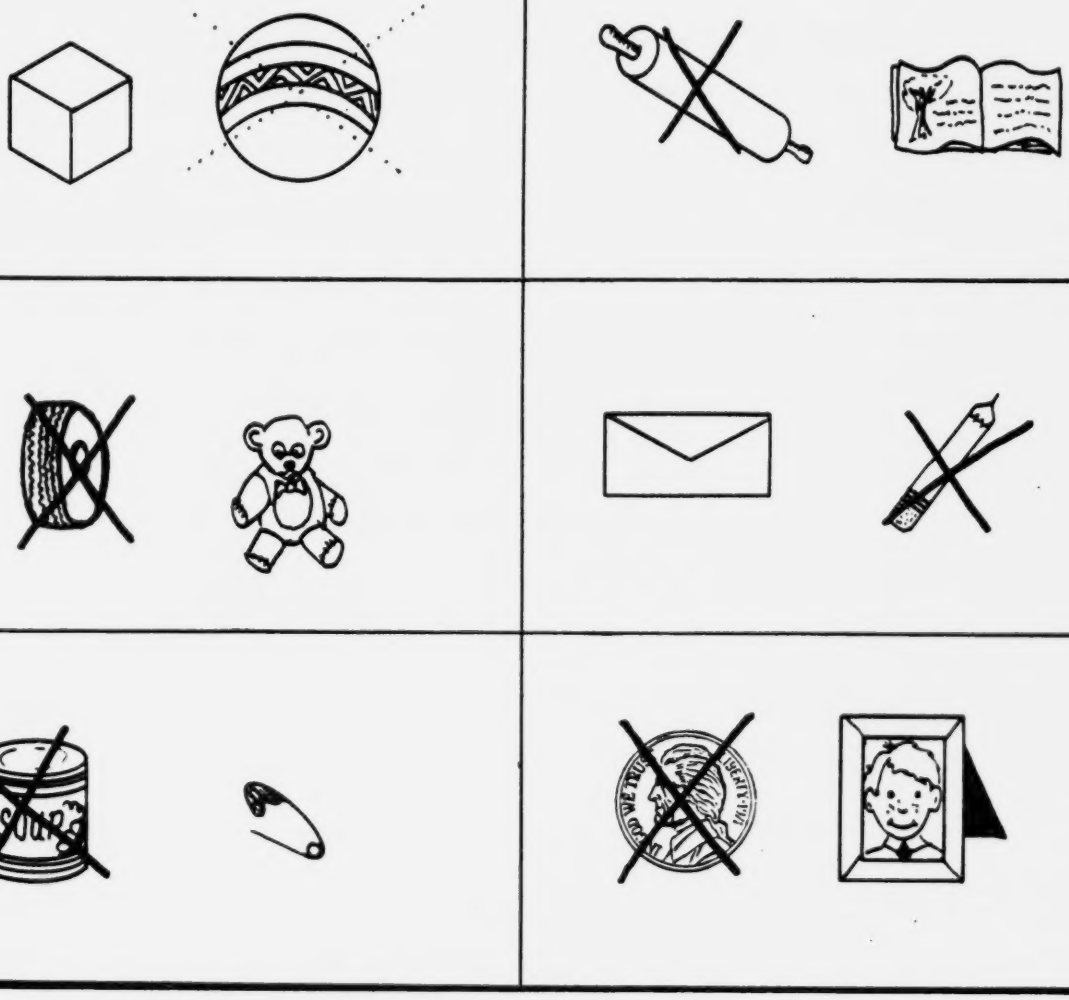
DO YOU REMEMBER?

Solve	Check	Solve	Check
$2.45	$3.22	$4.36	$5.62
+3.22	2.45	+5.62	+4.36
$5.67	$5.67	$9.98	$9.98

P.O. 2.09.04.02

NAME: _____ CLASS: _____ DATE: _____

Place an X on the objects which can roll.



DO YOU REMEMBER?

one-half of eight = 4

one-half of ten = 5

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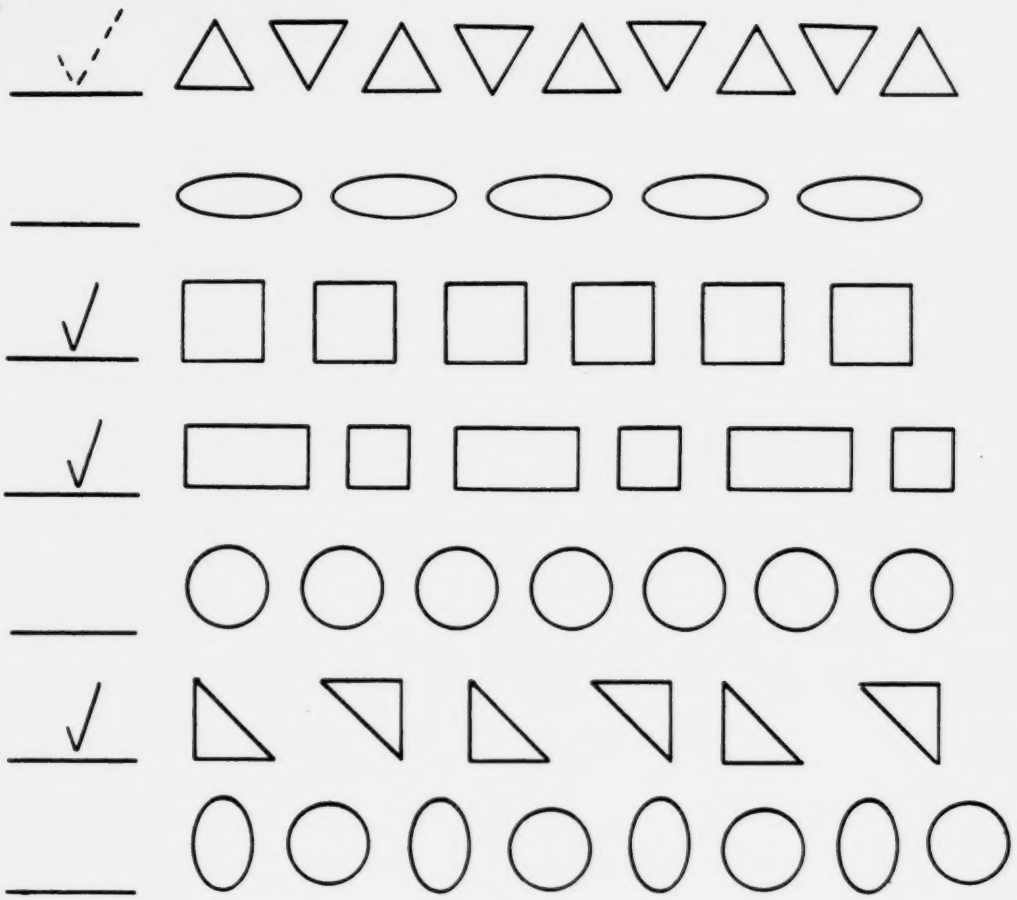
P.O. 2.09.04.03

NAME:_____ CLASS:_____ DATE:_____

Place a check on the line near each group of shapes which will fit together without spaces.



DO YOU REMEMBER?

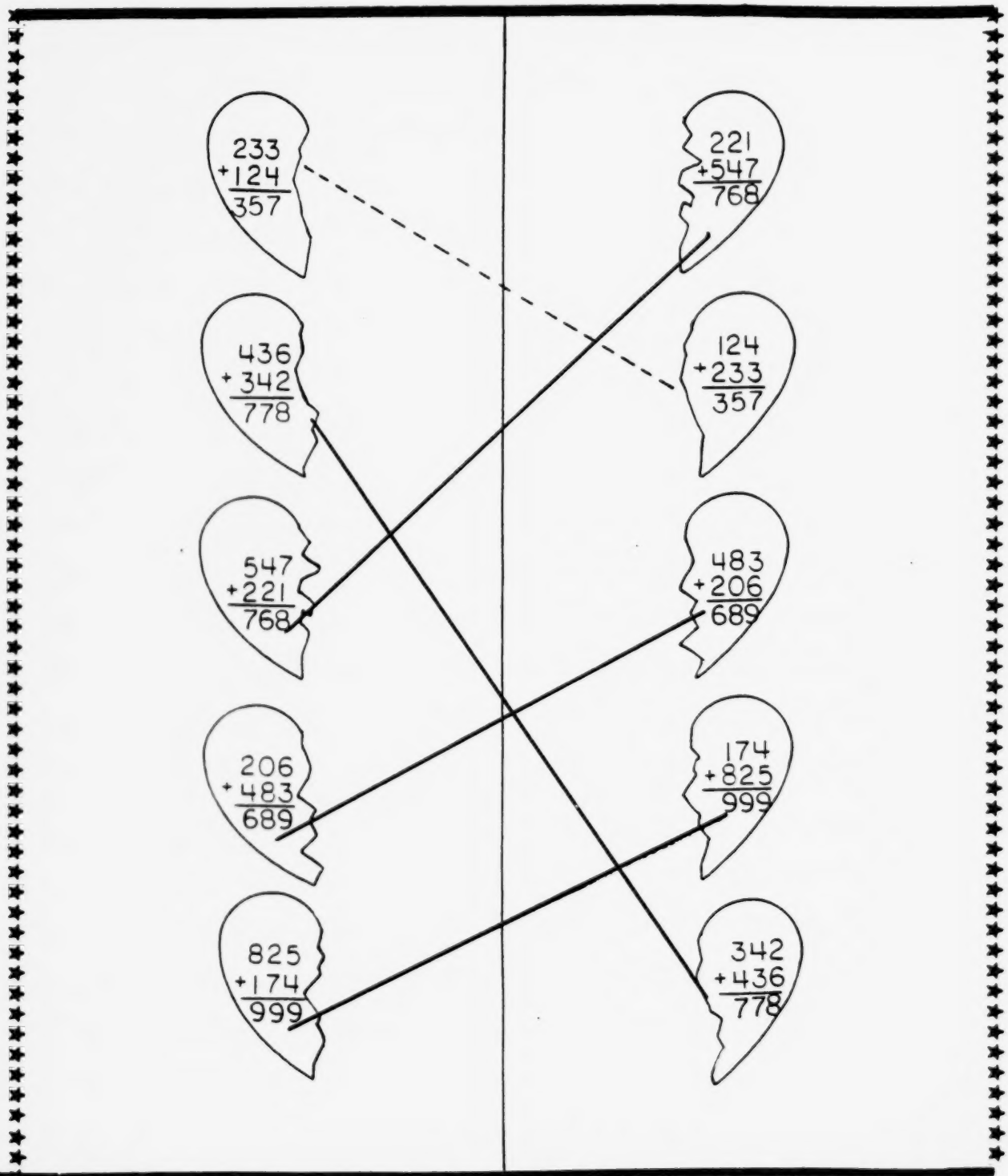
Mrs. Gold has 20 pencils.
Her 5 children will share them equally.
How many pencils will each child get?

4 pencils

P.O. 2.02.06.01

NAME:_____ CLASS:_____ DATE:_____

Mend the broken hearts by drawing a line between the halves which will have the same sum. Check by finding the sums.



P.O. 2.02.06.02

NAME: _____ CLASS: _____ DATE: _____

Follow the directions below.

Complete the addition table.

+	0	1	2	3	4	5	6	7
0	0	1	2	3	4	5	6	7
1	1	2	3	4	5	6	7	8
2	2	3	4	5	6	7	8	9
3	3	4	5	6	7	8	9	10
4	4	5	6	7	8	9	10	11
5	5	6	7	8	9	10	11	12
6	6	7	8	9	10	11	12	13
7	7	8	9	10	11	12	13	14

Find the sum for each pair of numbers. Color the box with the sum by using the color given.

If 2 + 3 = [5] then 3 + 2 = [5] (red)

If 4 + 5 = [9] then 5 + 4 = [9] (green)

If 1 + 7 = [8] then 7 + 1 = [8] (blue)

If 3 + 4 = [7] then 4 + 3 = [7] (yellow)

DO YOU REMEMBER?

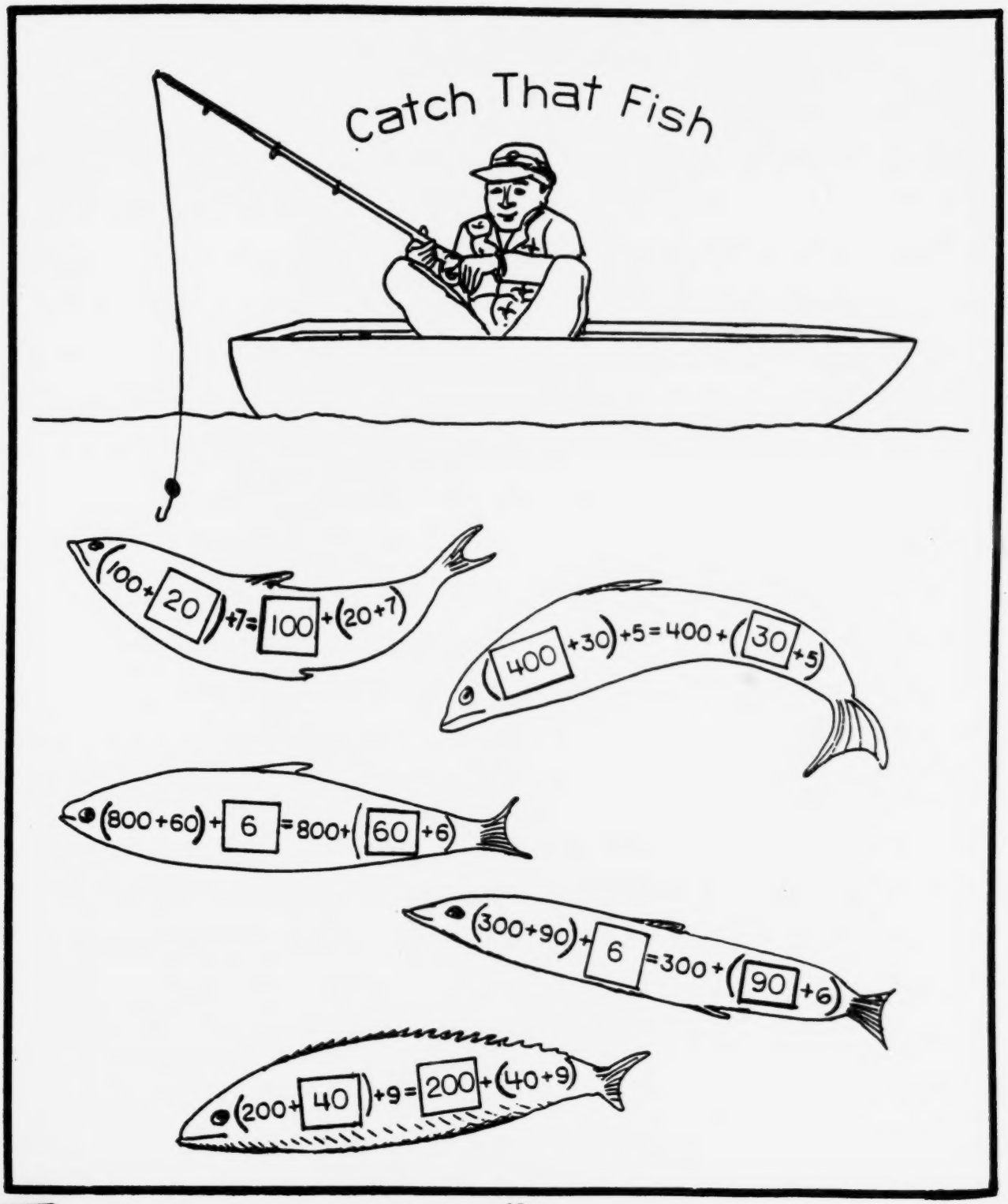
Tom's favorite television show begins at 4 o'clock.
It lasts for 60 minutes.
What time does it end?

5 o'clock

P.O. 2.02.06.03

NAME:_____CLASS:_____DATE:_____

Help the fisherman make a big catch by writing the missing numerals.

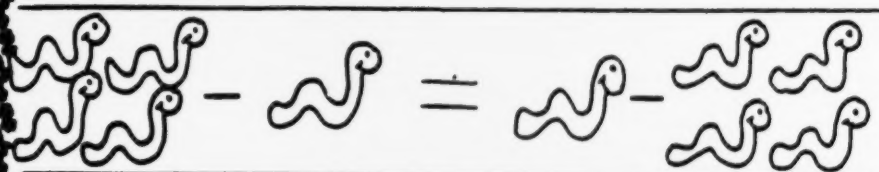


P.O. 2.03.06.01

NAME: _____ CLASS: _____ DATE: _____

Read each number sentence. If it is true, write yes in the box.
If it is not true, write no in the box.

yes



no

yes

4 + 1 = 1 + 4

yes

6 + 2 = 2 + 7

no

4 − 1 = 1 − 4

no

5 − 3 = 3 − 5

no

DO YOU REMEMBER?

Circle the items you would weigh in ounces.

213

P.O. 2.03.06.02

NAME:_____ CLASS:_____ DATE:_____

Use the table to find the opposite of each number sentence below.
Write the opposite number sentence.

+	0	1	2	3	4	5	6	7	8	9
0	0	1	2	3	4	5	6	7	8	9
1	1	2	3	4	5	6	7	8	9	10
2	2	3	4	5	6	7	8	9	10	11
3	3	4	5	6	7	8	9	10	11	12
4	4	5	6	7	8	9	10	11	12	13
5	5	6	7	8	9	10	11	12	13	14
6	6	7	8	9	10	11	12	13	14	15
7	7	8	9	10	11	12	13	14	15	16
8	8	9	10	11	12	13	14	15	16	17
9	9	10	11	12	13	14	15	16	17	18

① 3 + 4 = 7
7 - 4 = 3

② 9 - 3 = 6
6 + 3 = 9

③ 13 - 7 = 6
6 + 7 = 13

④ 8 + 4 = 12
12 - 4 = 8

⑤ 12 - 7 = 5
5 + 7 = 12

⑥ 7 + 9 = 16
16 - 9 = 7

⑦ 14 - 9 = 5
5 + 9 = 14

⑧ 7 + 8 = 15
15 - 8 = 7

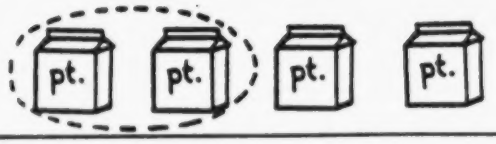
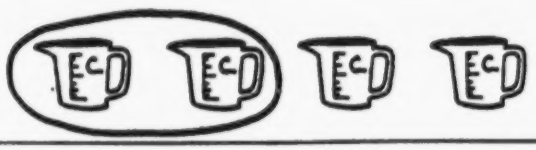
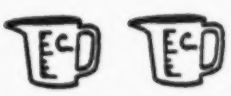
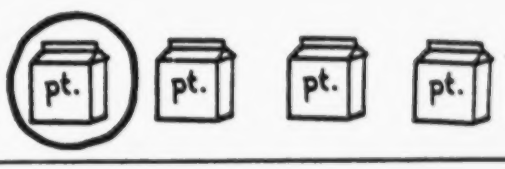
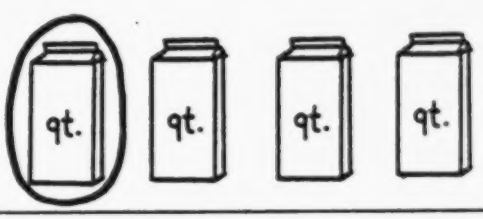
⑨ 9 - 5 = 4
4 + 5 = 9

⑩ 5 + 6 = 11
11 - 6 = 5

P.O. 2.10.13.01

NAME: _____ CLASS: _____ DATE: _____

Look at the items in Column A. Circle the number of items in Column B that are equal to the item(s) in Column A.

COLUMN A	COLUMN B
	
	
	
	

DO YOU REMEMBER?

$3 + 7 = \boxed{7} + 3$

$4 + 0 = 0 + \boxed{4}$

$\boxed{3} + 5 = 5 + 3$

$6 + \boxed{4} = 4 + 6$

$2 + 7 = 7 + \boxed{2}$

$1 + 8 = \boxed{8} + 1$

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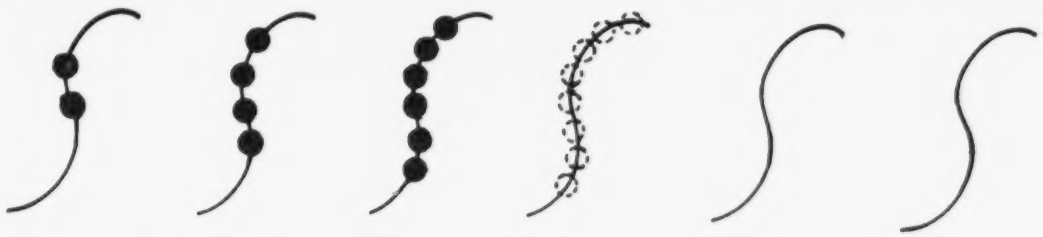
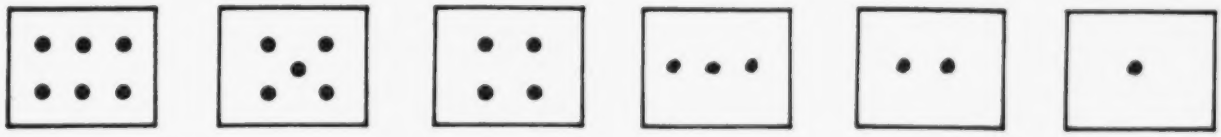
P.O. 2.13.04.01

NAME: _____ CLASS: _____ DATE: _____

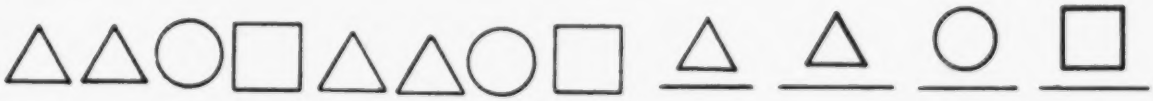
Complete each pattern. Write the rule.



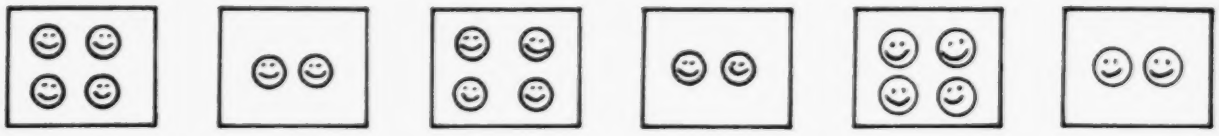
Rule: Add two beads.



Rule: Subtract one dot.



Rule: two triangles, one circle, one square



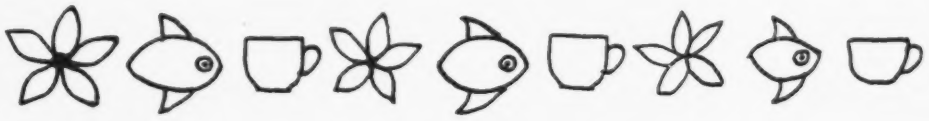
Rule: four happy faces, two happy faces

P.O. 2.13.04.02

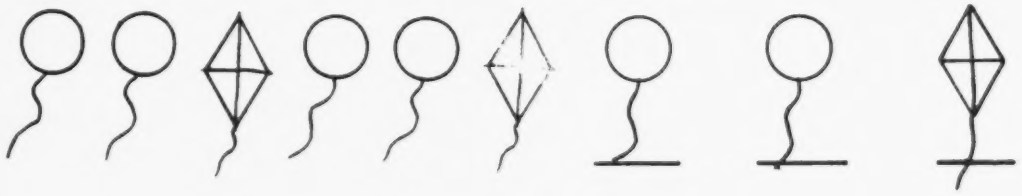
NAME: _____ CLASS: _____ DATE: _____

Complete each pattern. Write the rule.

Rule: circle, square, square



Rule: flower, fish, cup



Rule: two balloons, one kite

DO YOU REMEMBER?

Forty-six newspapers were sold on Monday, 28 were sold on Tuesday, and 57 were sold on Wednesday.

How many newspapers were sold on Monday and Wednesday?

103 newspapers

How many newspapers were sold on Tuesday and Wednesday?

85 newspapers

P.O. 2.13.04.03

NAME: _____ CLASS: _____ DATE: _____

Complete each pattern. Write the rule.

15, 12, 9, 6, [3]

Rule: Subtract 3.

20, 22, 24, 26, [28]

Rule: Add 2. (Count by twos.)

1, 3, 5, 7, [9]

Rule: Add 2.

20, 15, 10, [5]

Rule: Subtract 5. (Count backward by fives.)

10, 20, 30, 40, 50, [60]

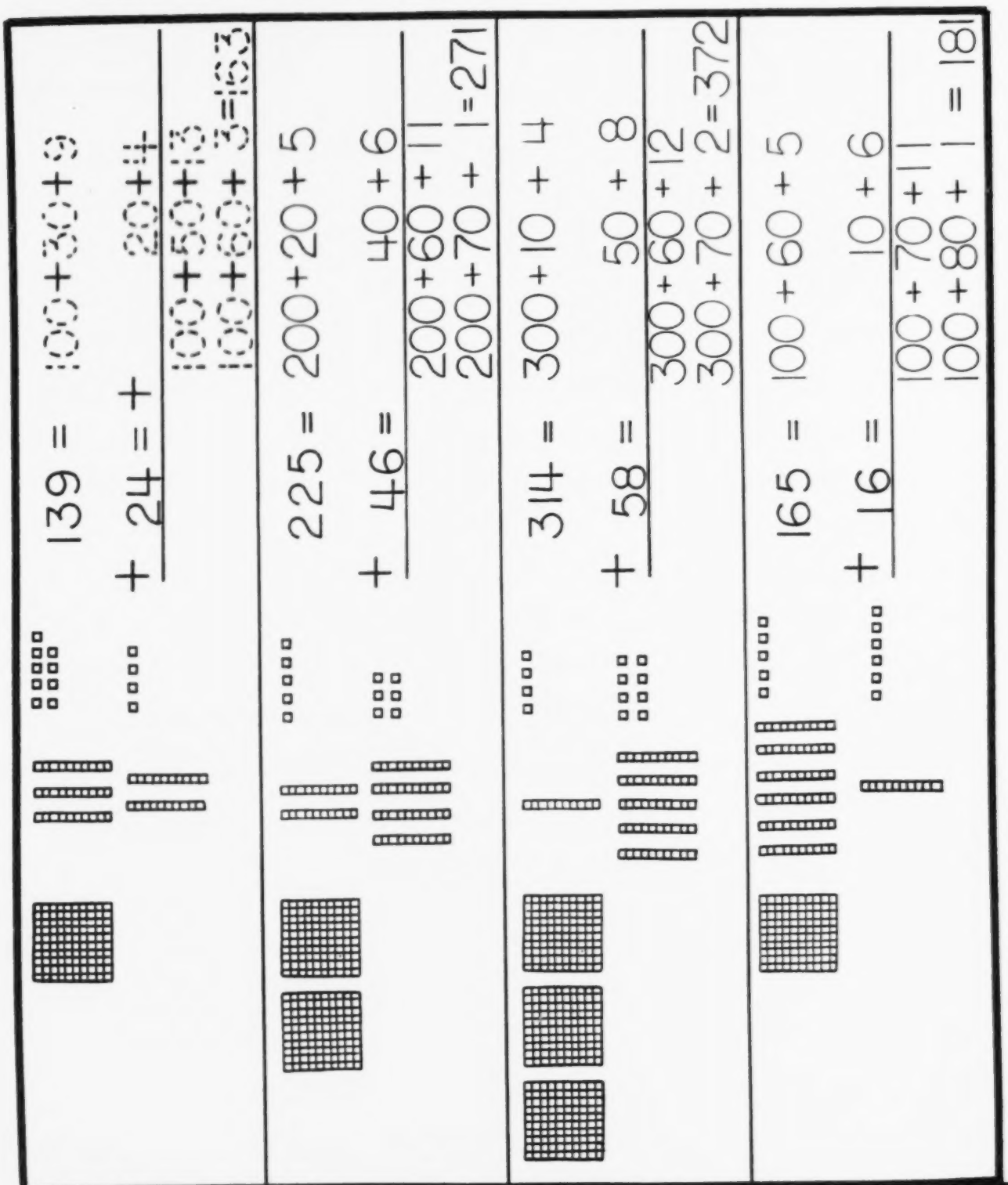
Rule: Add 10. (Count by tens.)

218

P.O. 2.02.07.01

NAME: _____ CLASS: _____ DATE: _____

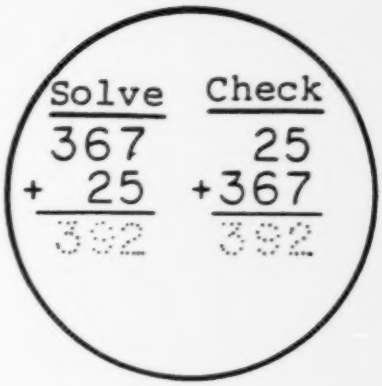
Solve each example using expanded notation.



P.O. 2.02.07.02

NAME: _____ CLASS: _____ DATE: _____

Solve each addition example and check.

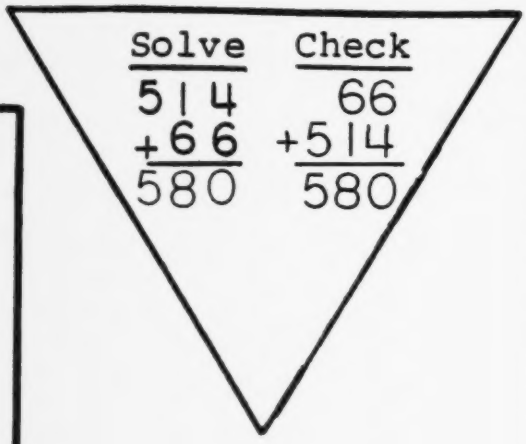


Solve

$$\begin{array}{r} 367 \\ +\ 25 \\ \hline 392 \end{array}$$

Check

$$\begin{array}{r} 25 \\ +367 \\ \hline 392 \end{array}$$

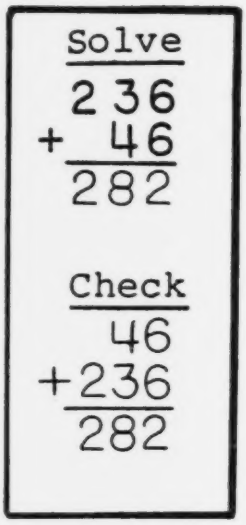


Solve

$$\begin{array}{r} 514 \\ +66 \\ \hline 580 \end{array}$$

Check

$$\begin{array}{r} 66 \\ +514 \\ \hline 580 \end{array}$$

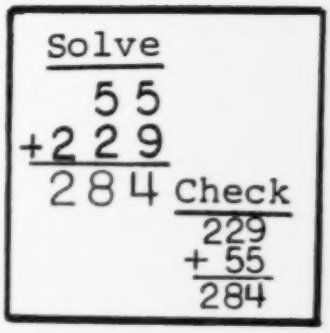


Solve

$$\begin{array}{r} 236 \\ +\ 46 \\ \hline 282 \end{array}$$

Check

$$\begin{array}{r} 46 \\ +236 \\ \hline 282 \end{array}$$

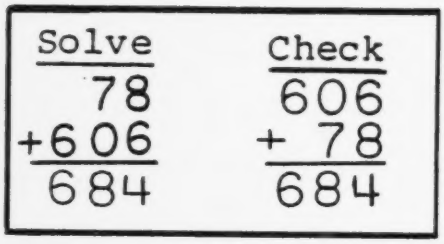


Solve

$$\begin{array}{r} 55 \\ +229 \\ \hline 284 \end{array}$$

Check

$$\begin{array}{r} 229 \\ +\ 55 \\ \hline 284 \end{array}$$



Solve

$$\begin{array}{r} 78 \\ +606 \\ \hline 684 \end{array}$$

Check

$$\begin{array}{r} 606 \\ +\ 78 \\ \hline 684 \end{array}$$

DO YOU REMEMBER?

1 group of three = 3

2 groups of three = 6

3 groups of three = 9

4 groups of three = 12

5 groups of three = 15

220

P.O. 2.02.07.03

NAME: _____ CLASS: _____ DATE: _____

Use the price list to solve each example.
Check your answers.

Price List

Bread	$1.19	Soda	$.55
Milk	$1.26	Eggs	$.69
Coffee	$2.39	Butter	$.47
Chicken	$3.45	Soup	$.29

Solve

$1.19 Bread
+ .69 Eggs
$1.88

Check

$ .69
+ 1.19
$1.88

Solve

$2.39 Coffee
+ .55 Soda
$2.94

Check

$ .55
+2.39
$2.94

Solve

$1.26 Milk
+ .29 Soup
$1.55

Check

$ .29
+1.26
$1.55

Solve

$1.19 Bread
+ .47 Butter
$1.66

Check

$ .47
+1.19
$1.66

Solve

$2.39 Coffee
+ .47 Butter
$2.86

Check

$ .47
+2.39
$2.86

Solve

$3.45 Chicken
+ .29 Soup
$3.74

Check

$ .29
+3.45
$3.74

Solve

$3.45 Chicken
+ .47 Butter
$3.92

Check

$ .47
3.45
$3.92

Solve

$1.26 Milk
+ .55 Soda
$1.81

Check

$ .55
1.26
$1.81

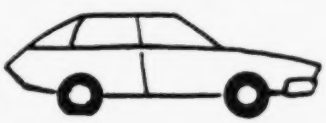
P.O. 2.02.07.04

NAME:_____ CLASS:_____ DATE:_____

Solve each story problem and check.

I counted 113 cars.
My brother counted 77 more cars.
How many cars did we count in all?

Solve Check



190 cars

Maria counted 154 roses and
29 daisies in her garden.
How many flowers did she count
in all?

Solve Check

183 flowers

I bought a notebook for $1.57
and a box of crayons for $.39.
How much did I spend in all?

Solve Check

$1.96

My poetry book has 24 pages.
My math book has 168 pages.
How many pages are there in
both books?

Solve Check

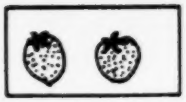
192 pages

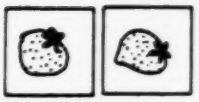
222

P.O. 2.04.05.01

NAME:_____ CLASS:_____ DATE:_____

Complete each multiplication number sentence.

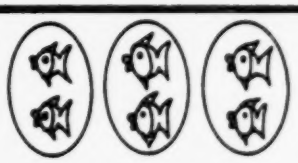




1 x 2 = 2

2 x 1 = 2

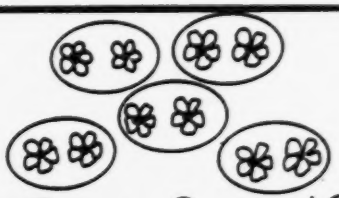
1 x 2 = 2 x 1

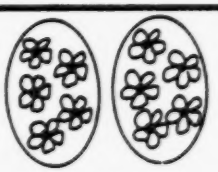


3 x 2 = 6

2 x 3 = 6

3 x 2 = 2 x 3

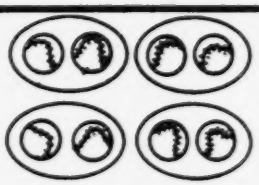


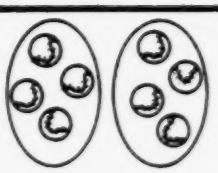


5 x 2 = 10

2 x 5 10

5 x 2 = 2 x 5





4 x 2 = 8

2 x 4 = 8

4 x 2 = 2 x 4

P.O. 2.04.05.02

NAME: _____ CLASS: _____ DATE: _____

Draw the jumps on each number line.
Complete the multiplication number sentences.

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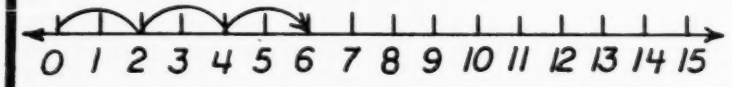
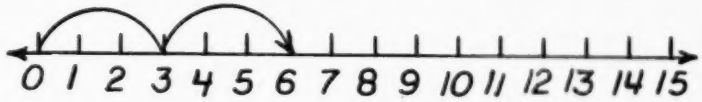
$3 \times 5 = \boxed{15}$

$5 \times 3 = \boxed{15}$

$3 \times 5 = 5 \times 3$

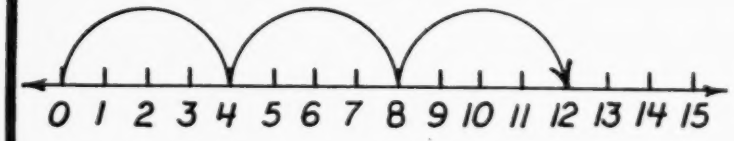


$3 \times 2 = \boxed{6}$



$2 \times 3 = \boxed{6}$

$3 \times 2 = 2 \times 3$



$3 \times 4 = \boxed{12}$

$4 \times 3 = \boxed{12}$

$3 \times 4 = 4 \times 3$

- 73b -

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P.O. 2.04.05.03

NAME: _____ CLASS: _____ DATE: _____

Use the number lines to complete the multiplication number sentences.

3 x 4 = 12

4 x 3 = 12

3 x 4 = 4 x 3

1 x 4 = 4

4 x 1 = 4

1 x 4 = 4 x 1

2 x 4 = 8

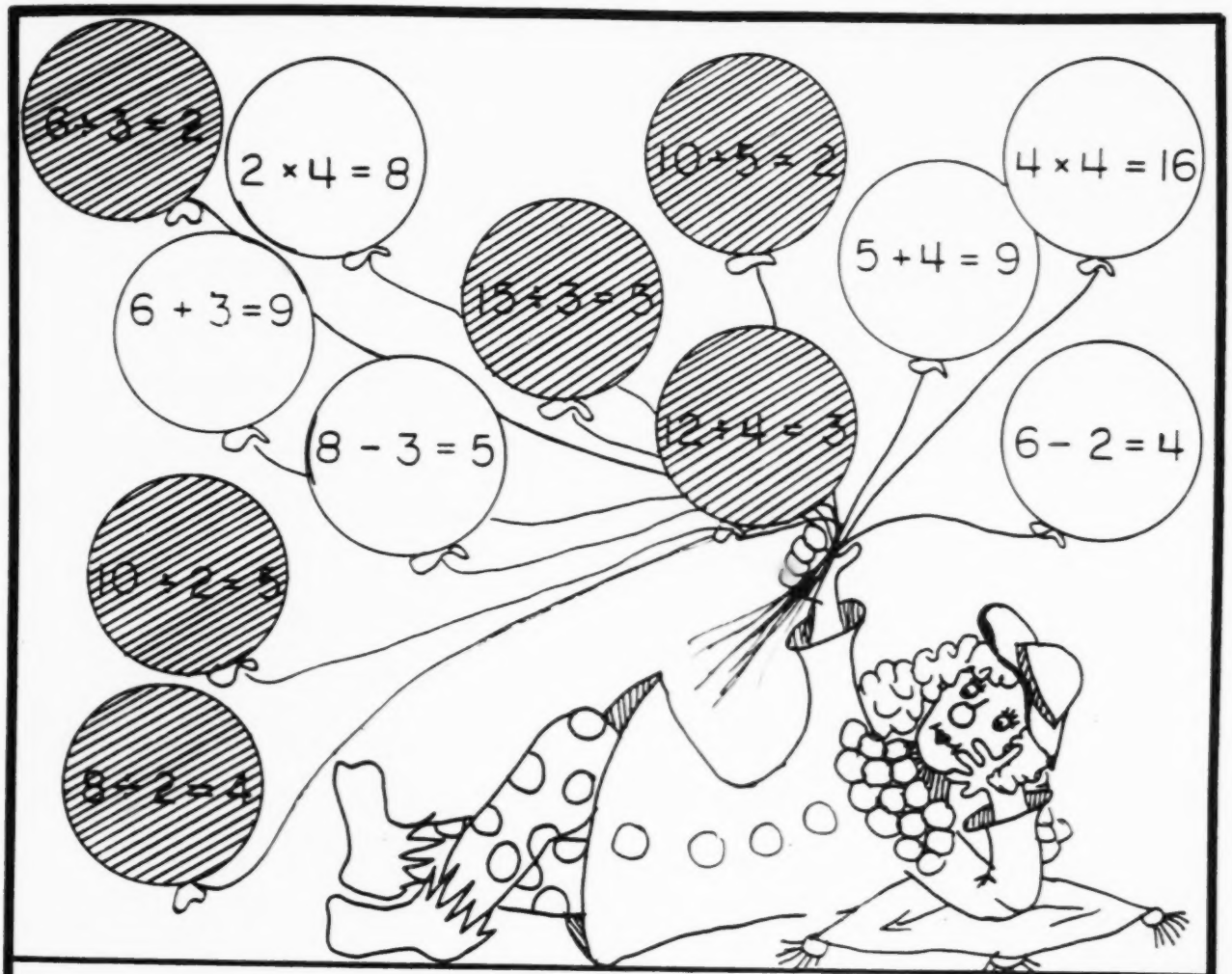
4 x 2 = 8

2 x 4 = 4 x 2

P.O. 2.05.06.01

NAME: _____ CLASS: _____ DATE: _____

Color the balloons which show division number sentences.



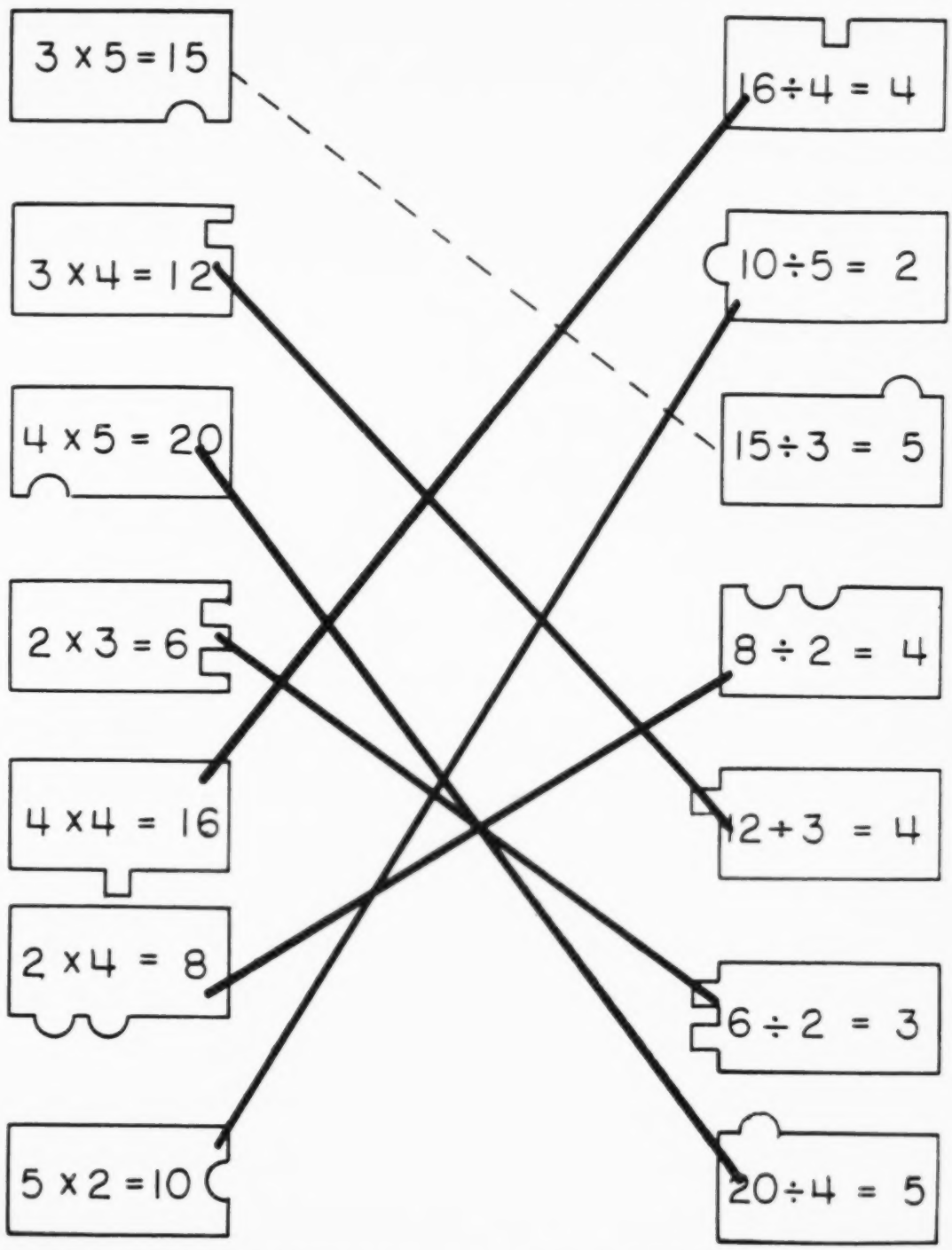
DO YOU REMEMBER?

Solve	Check	Solve	Check
349	24	235	55
+ 24	+349	+ 55	+235
373	373	290	290

P.O. 2.05.06.02

NAME: _____ CLASS: _____ DATE: _____

Match each puzzle piece to show that multiplication and division are inverse (opposite) operations.



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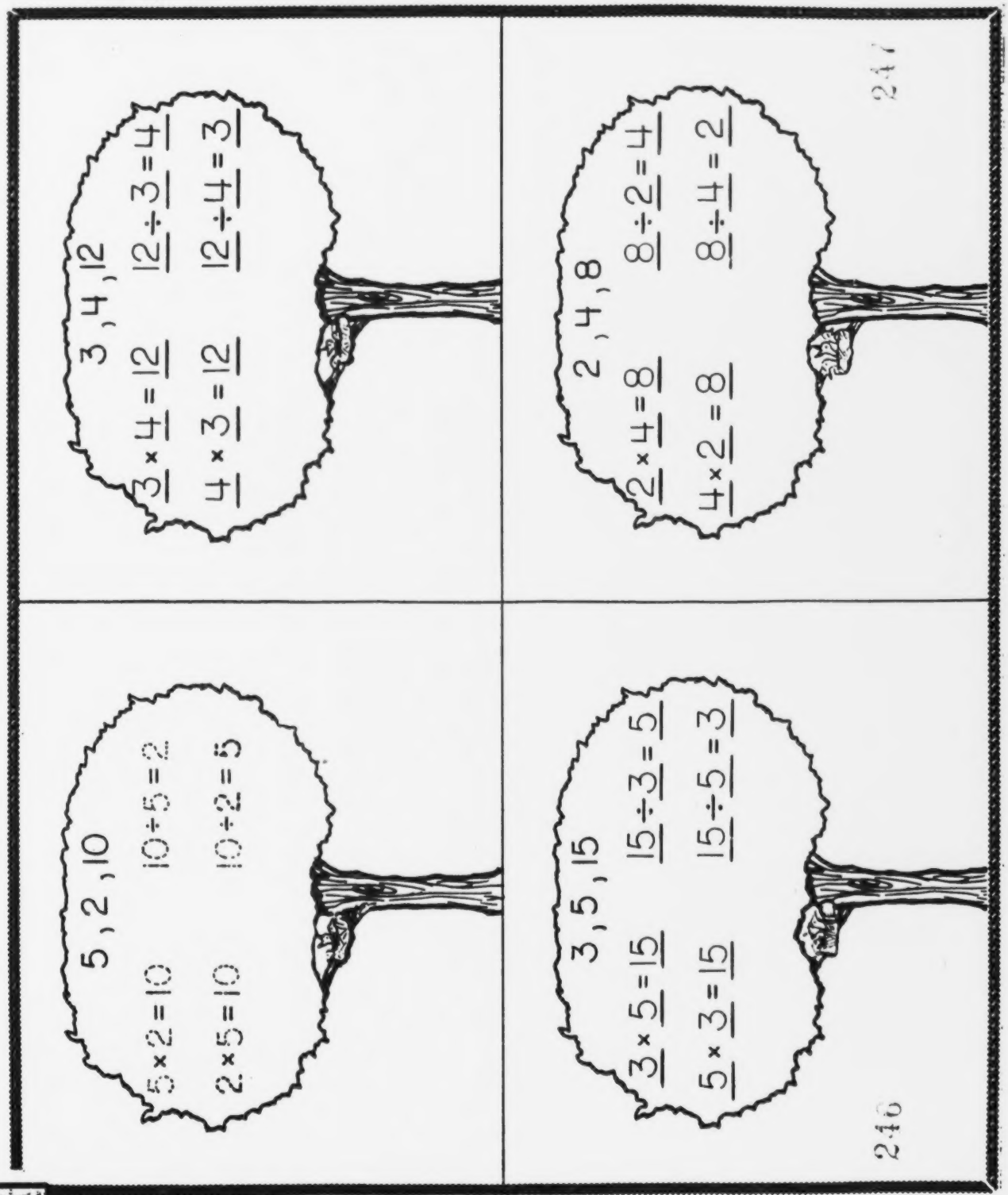
P.O. 2.05.06.03

NAME:_____ CLASS:_____ DATE:_____

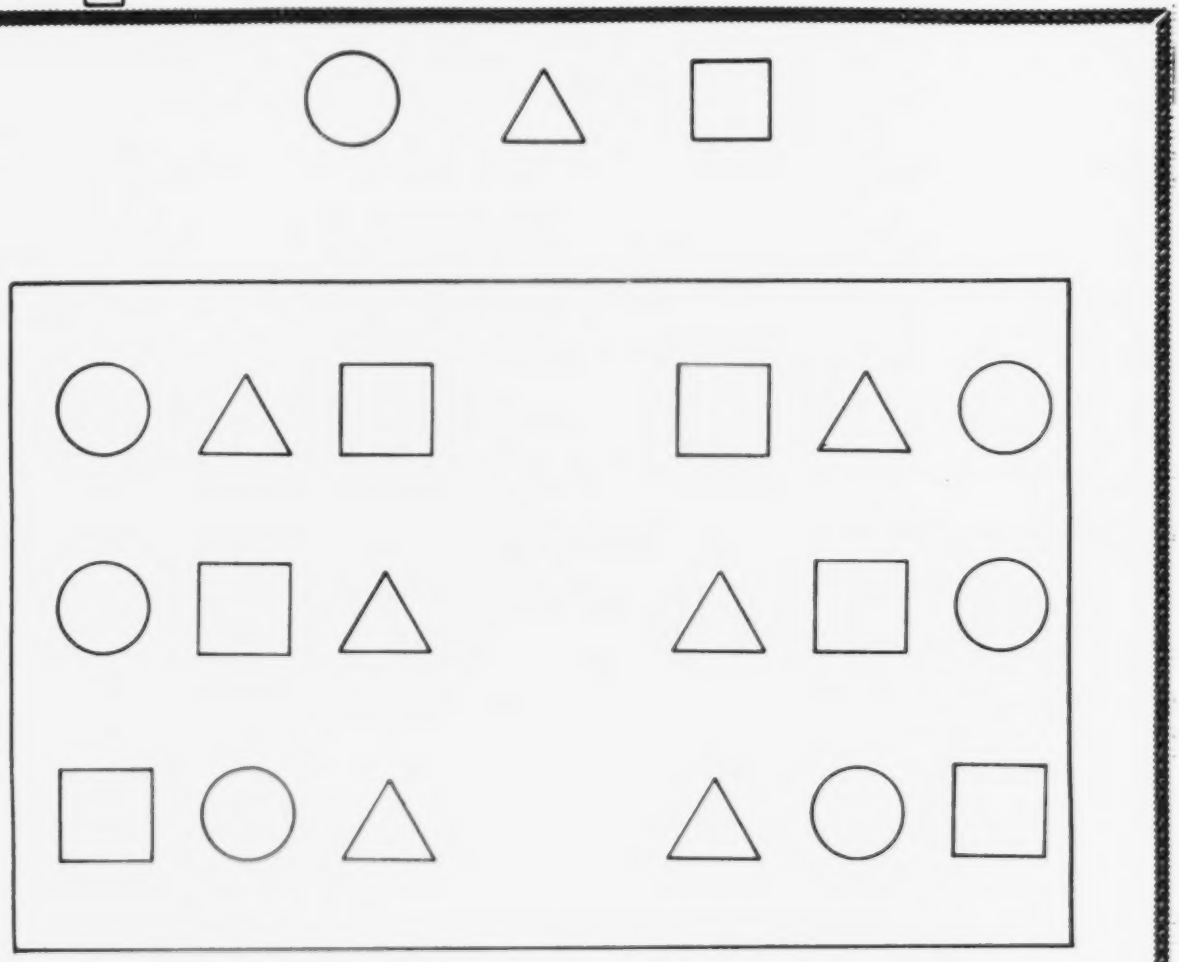
Write related multiplication and division number sentences to complete each family tree.



P.O. 2.12.04.01

NAME:_____ CLASS:_____ DATE:_____

Use the space below to show as many arrangements of the ○, △, and □ as possible.



DO YOU REMEMBER?

Sally used a dozen eggs to bake brownies.
Ernie used a half dozen eggs to bake cookies.
How many more eggs did Sally use than Ernie?

6 eggs

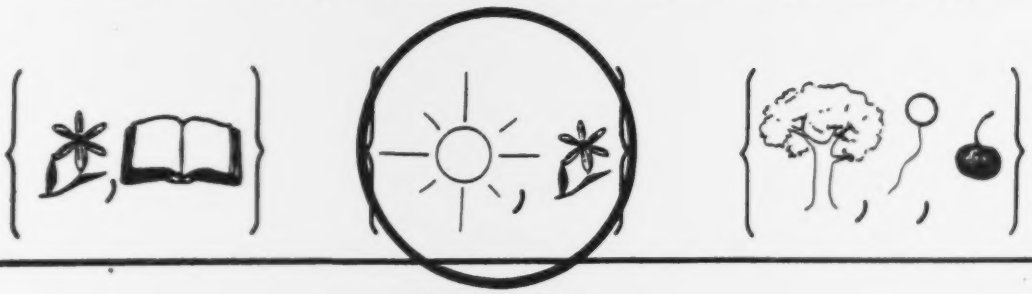
P.O. 2.12.04.02

NAME: _____ CLASS: _____ DATE: _____

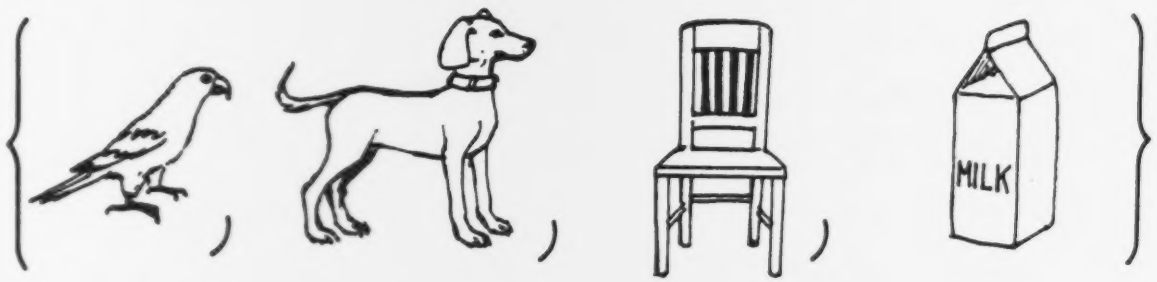
Follow the directions below.

Set A

Draw a ring around the subset of Set A.



Set B



Draw a ring around the subset of Set B.

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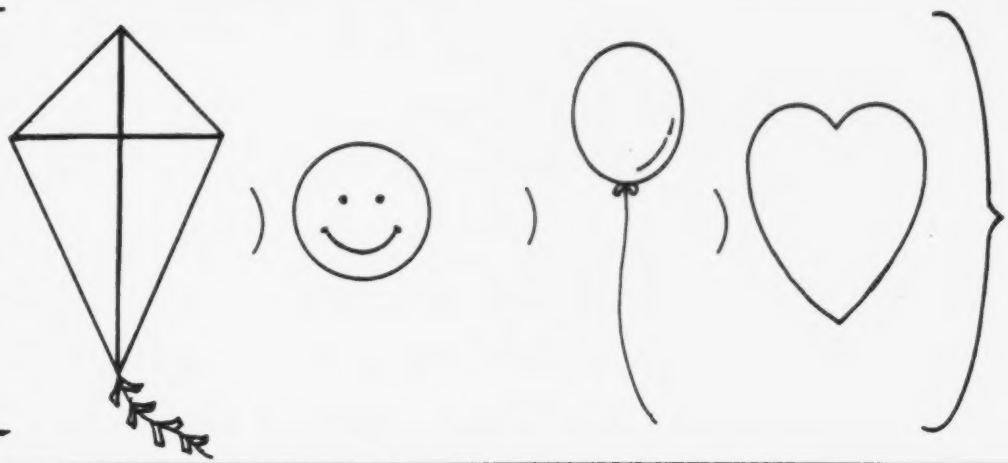
P.O. 2.12.04.03

NAME: _____ CLASS: _____ DATE: _____

Look at Set A. Draw four different subsets of Set A.

A = {  }

B = { Answers will vary. }

C = { }

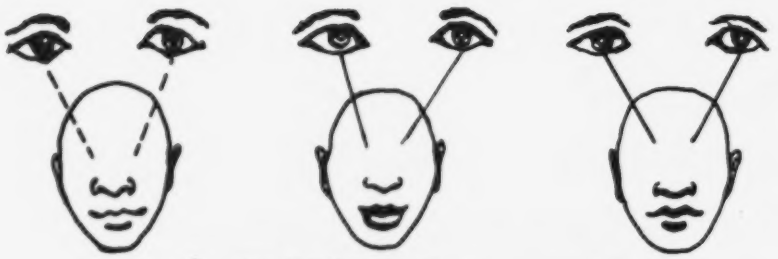
D = { }

E = { }

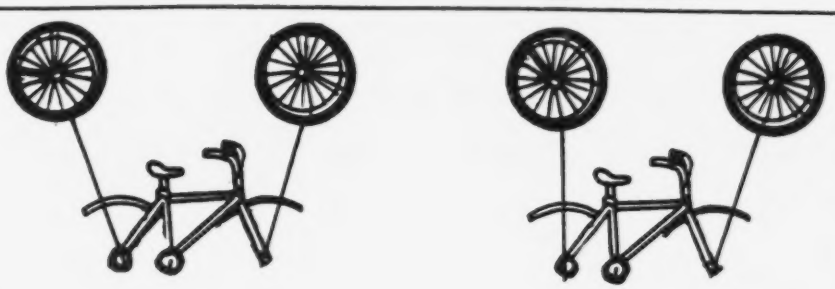
P.O. 2.12.05.01

NAME:_____ CLASS:_____ DATE:_____

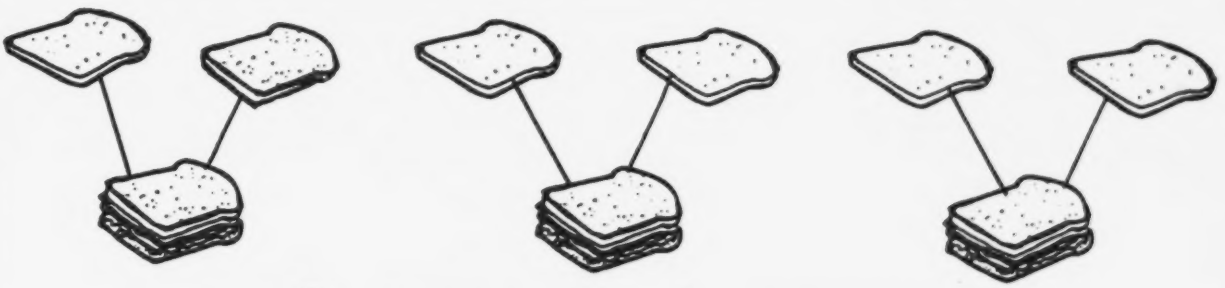
Draw lines to show the two-to-one ratio in each group.



2 EYES TO 1 FACE



2 WHEELS TO 1 BICYCLE



2 SLICES TO 1 SANDWICH

DO YOU REMEMBER?

Look at the number family. (3, 4, 12)

Write two multiplication sentences and two division sentences using these numbers.

3 x 4 = 12

4 x 3 = 12

12 ÷ 3 = 4

12 ÷ 4 = 3

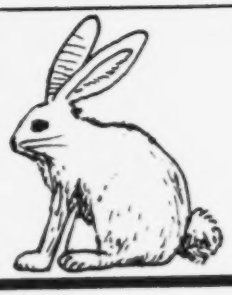
P.O. 2.12.05.02

NAME:_____CLASS:_____DATE:_____

Complete each chart to show a two-to-one ratio.

number of wheels	2	4	6	8	10
number of bicycles	1	2	3	4	5

number of ears	2	4	6	8	10
number of rabbits	1	2	3	4	5

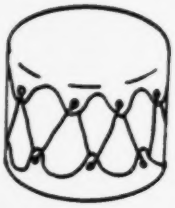


slices of bread	2	4	6	8	10
number of sandwiches	1	2	3	4	5

P.O. 2.13.05.01

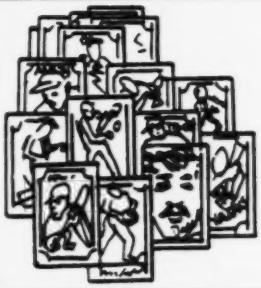
NAME:_____ CLASS:_____ DATE:_____

Do you have enough information to solve each problem?
Circle Yes or No.



There are 4 red drums and 6 blue drums. How many drums in all?

(Yes) No

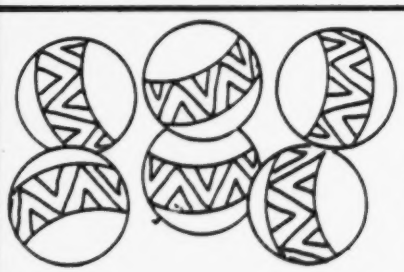


Tom has 30 baseball cards. He gave some to Jim. How many does he have left?

Yes (No)

Peter played ball with his friends for 2 hours. What time did he stop playing?

Yes (No)



Jan had 6 beach balls. She gave 3 of them away. How many did she have left?

(Yes) No

DO YOU REMEMBER?

1 pint = 2 cups

1 quart = 4 cups

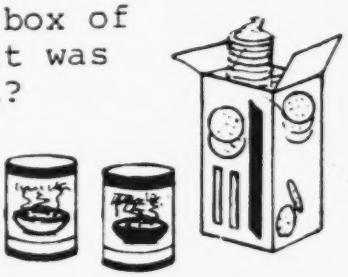
1 quart = 2 pints

P.O. 2.13.05.02

NAME:_____ CLASS:_____ DATE:_____

The problems below cannot be solved because more information is needed. Circle the information that would be needed to solve each problem.

Tanya bought 2 cans of soup and 1 box of crackers. What was the total cost?



The soup cost 50¢ each and the crackers cost 40¢.

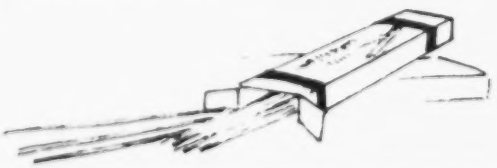
She saved 35¢ on crackers.

Robert likes bananas. How many bananas does he eat in 4 days?

He eats 2 bananas each day.

He eats bananas every day.

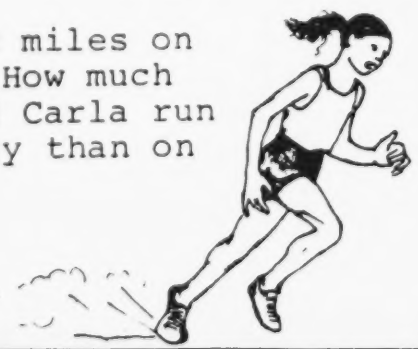
John bought spaghetti. He gave the clerk 75¢ How much change did he get?



He also bought cheese for $1.00.

The spaghetti cost 59¢.

Carla ran 2 miles on Thursday. How much farther did Carla run on Wednesday than on Thursday?



She ran 4 miles on Wednesday.

She ran faster on Wednesday.

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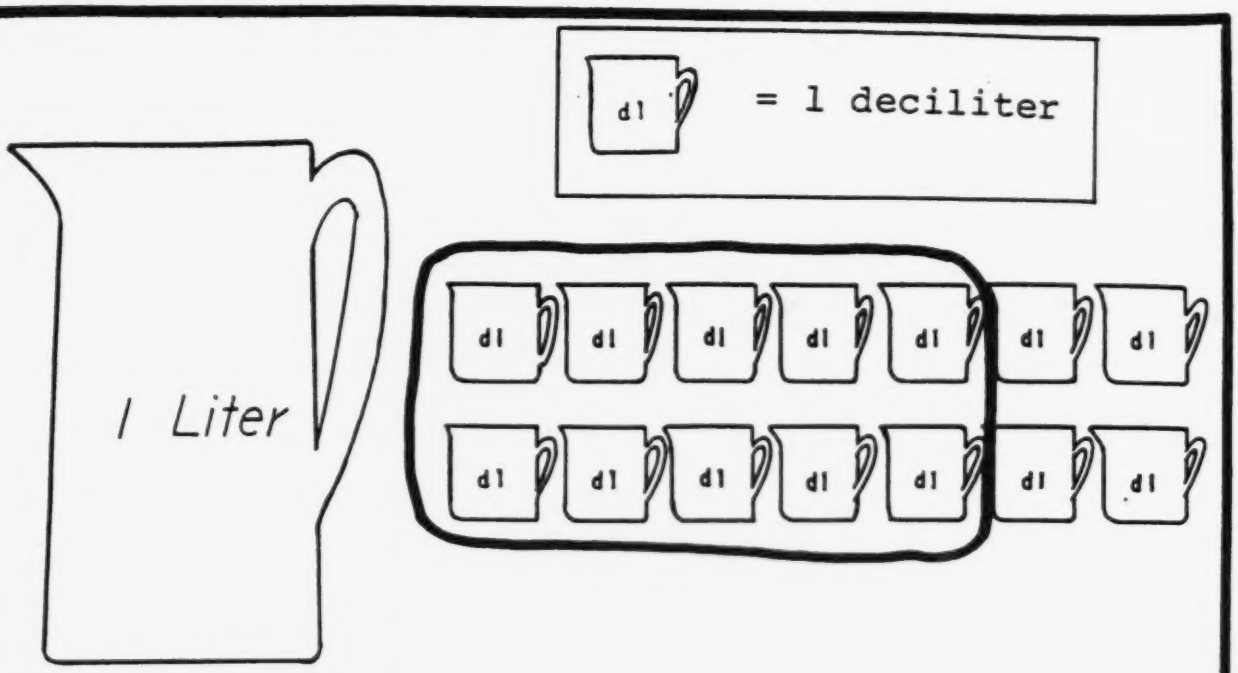
P.O. 2.10.14.01

NAME: _____ CLASS: _____ DATE: _____

Circle the number of deciliters equal to 1 liter.
Then complete the sentences below.



One liter is equal to 10 deciliters.

Two liters equal 20 deciliters.

A deciliter is what fractional part of a liter? $\frac{1}{10}$

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